

Fig. 1C

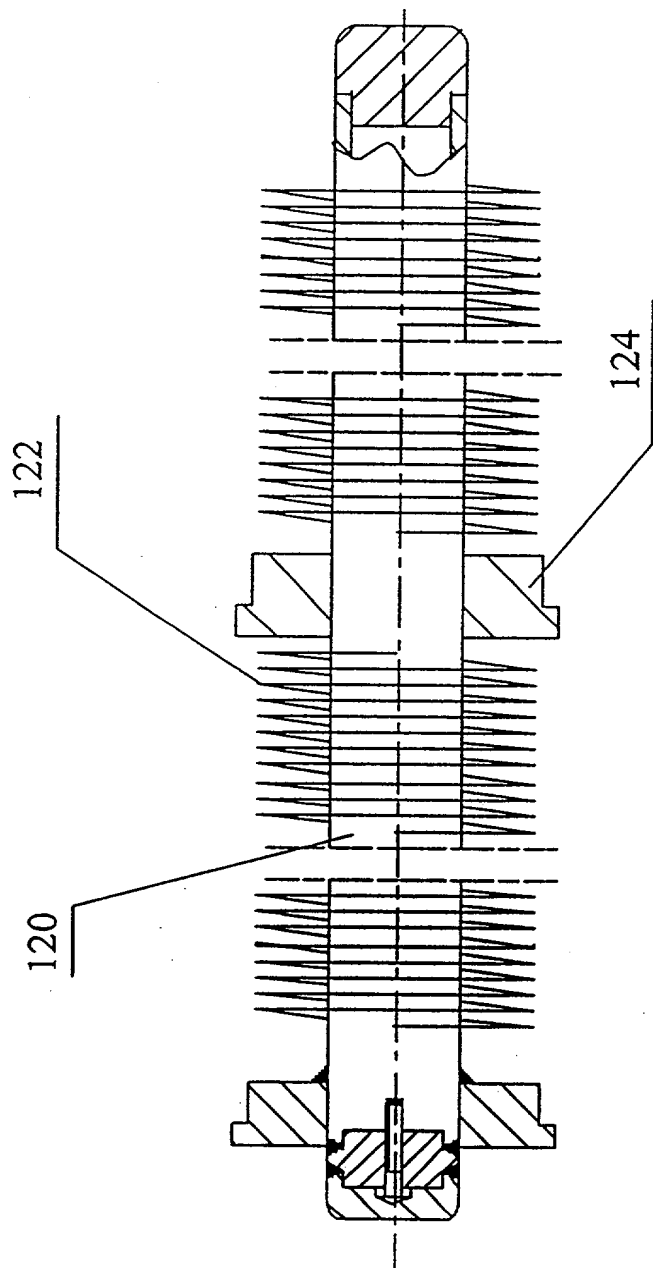


Fig. 1CA

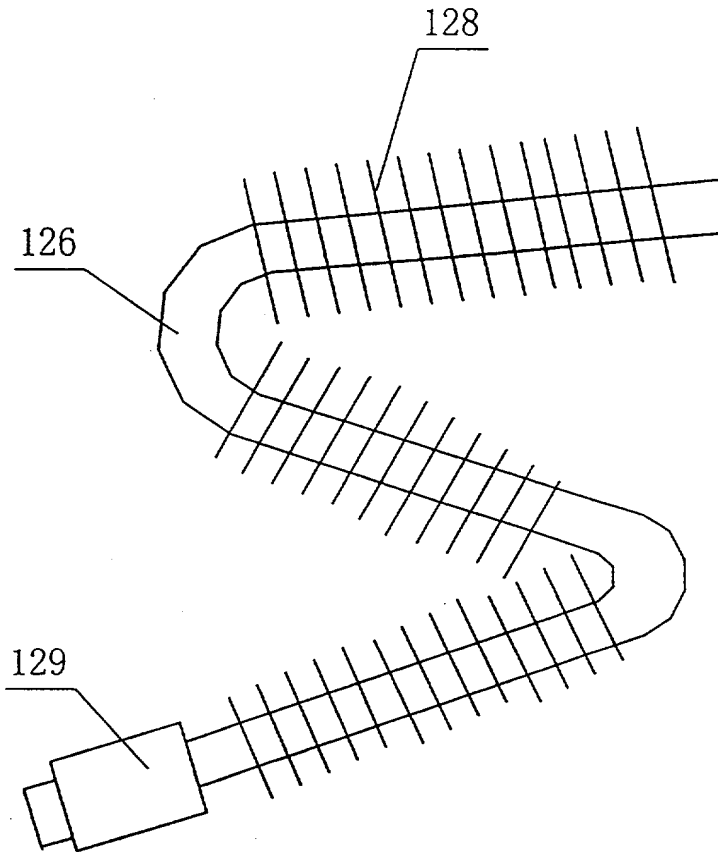


Fig. 1CB



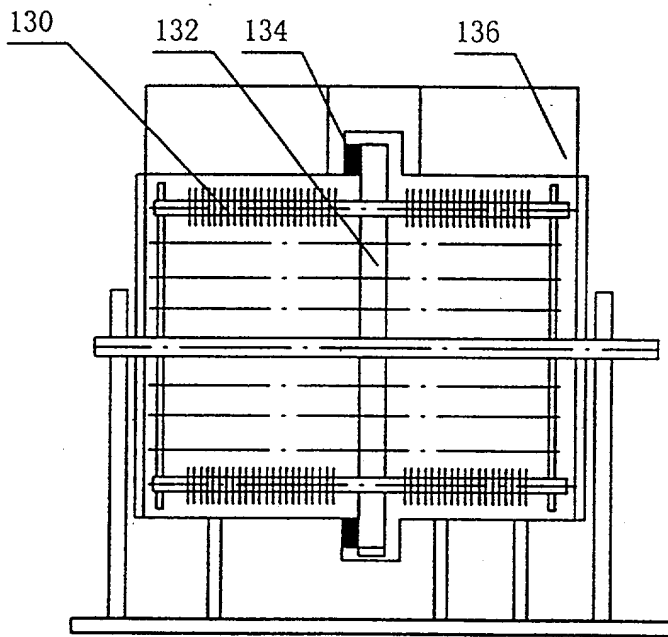


Fig. 1CC

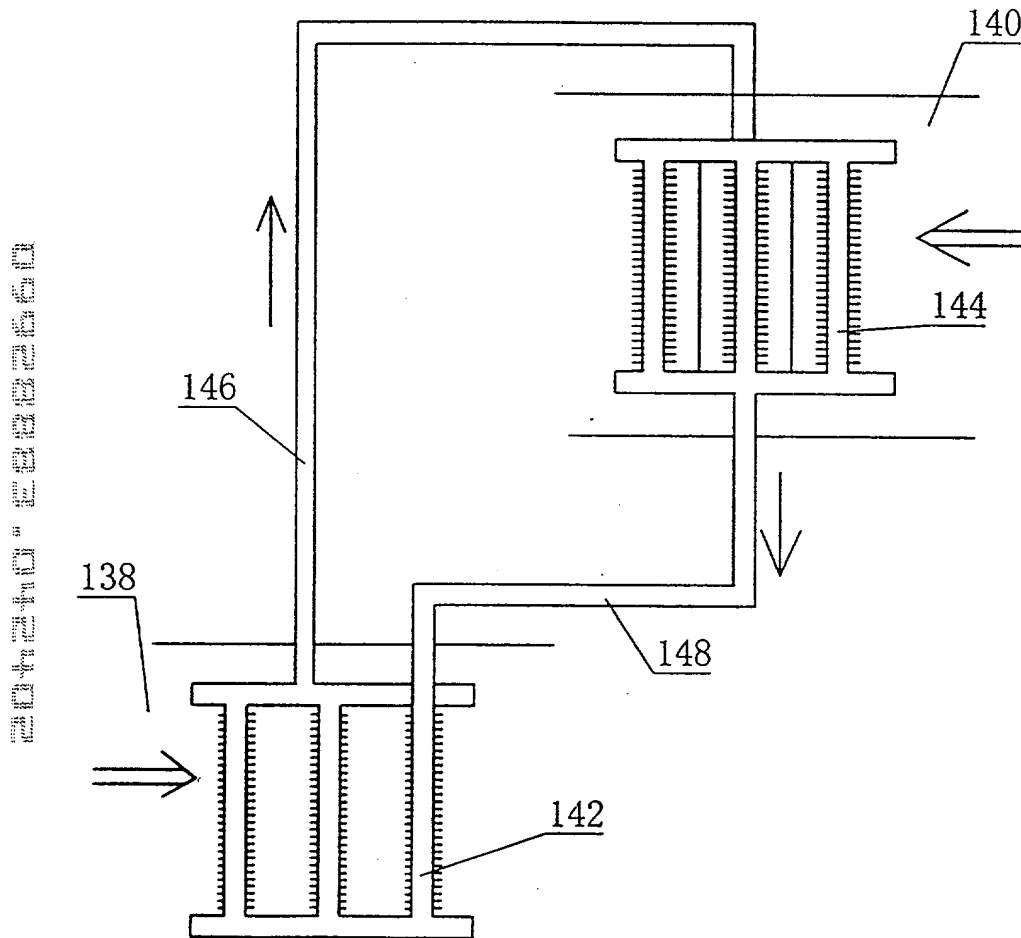


Fig. 1D

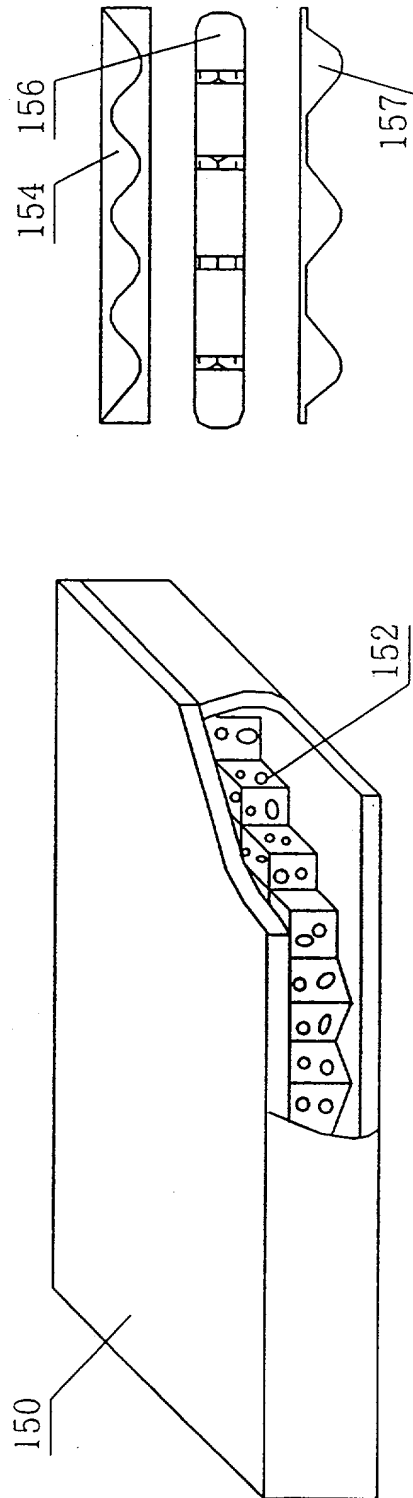


Fig. 1E

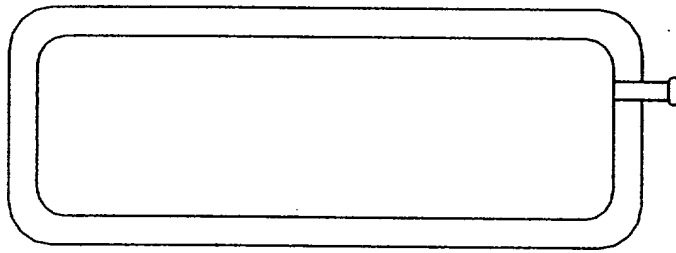


Fig. 1EA

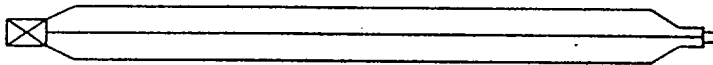


Fig. 1EB

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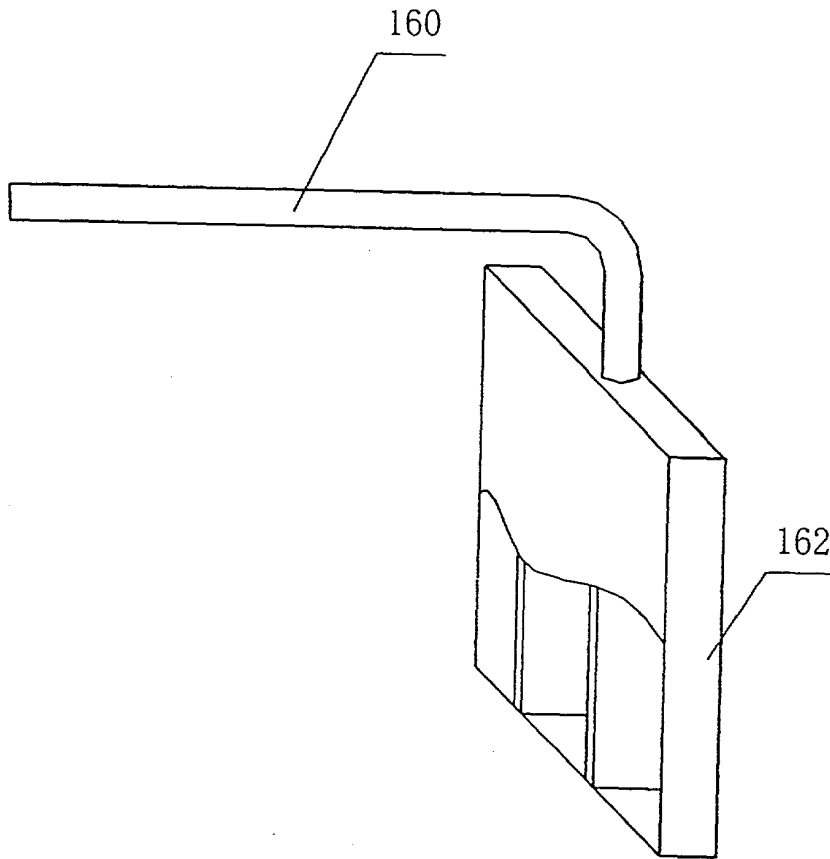


Fig. 1F

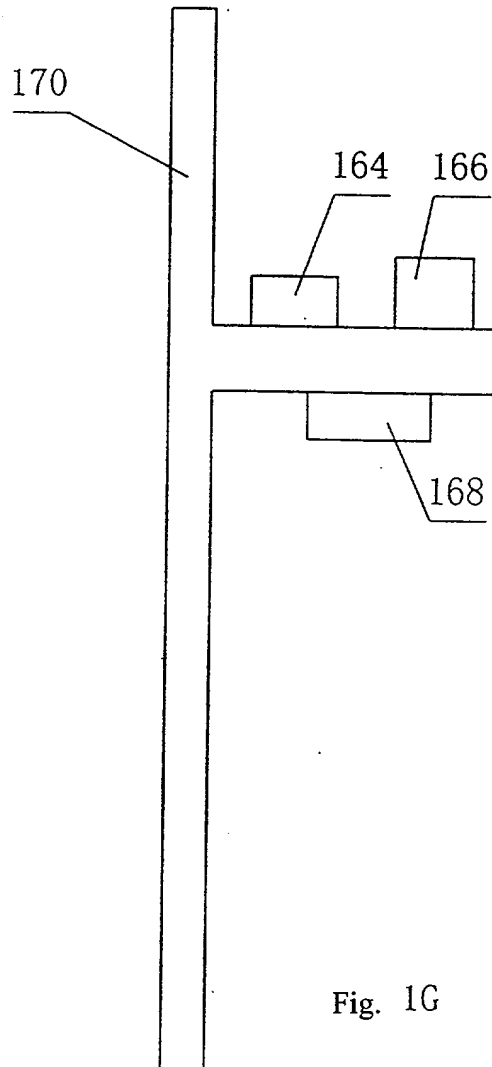


Fig. 1G

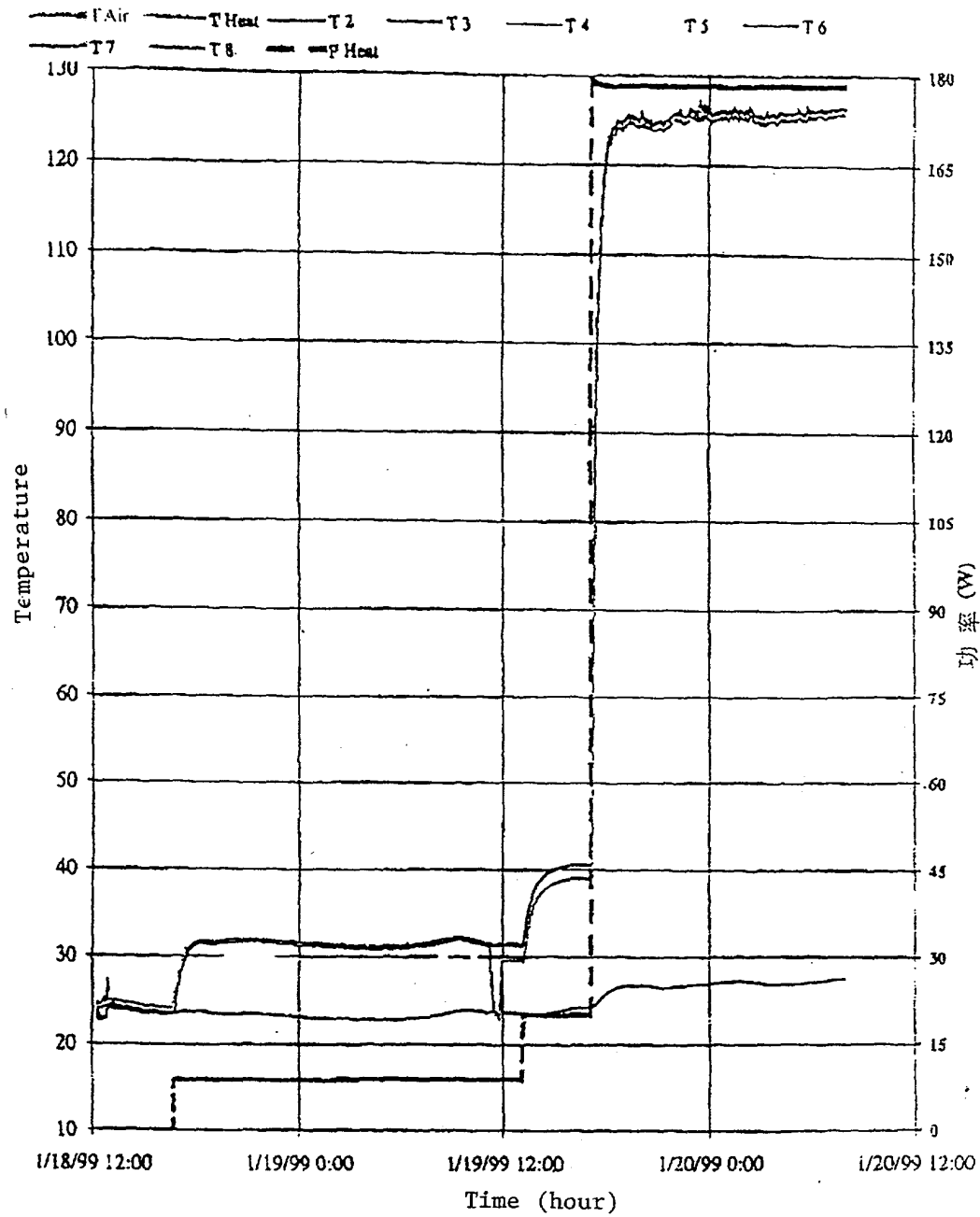


Fig. 1H

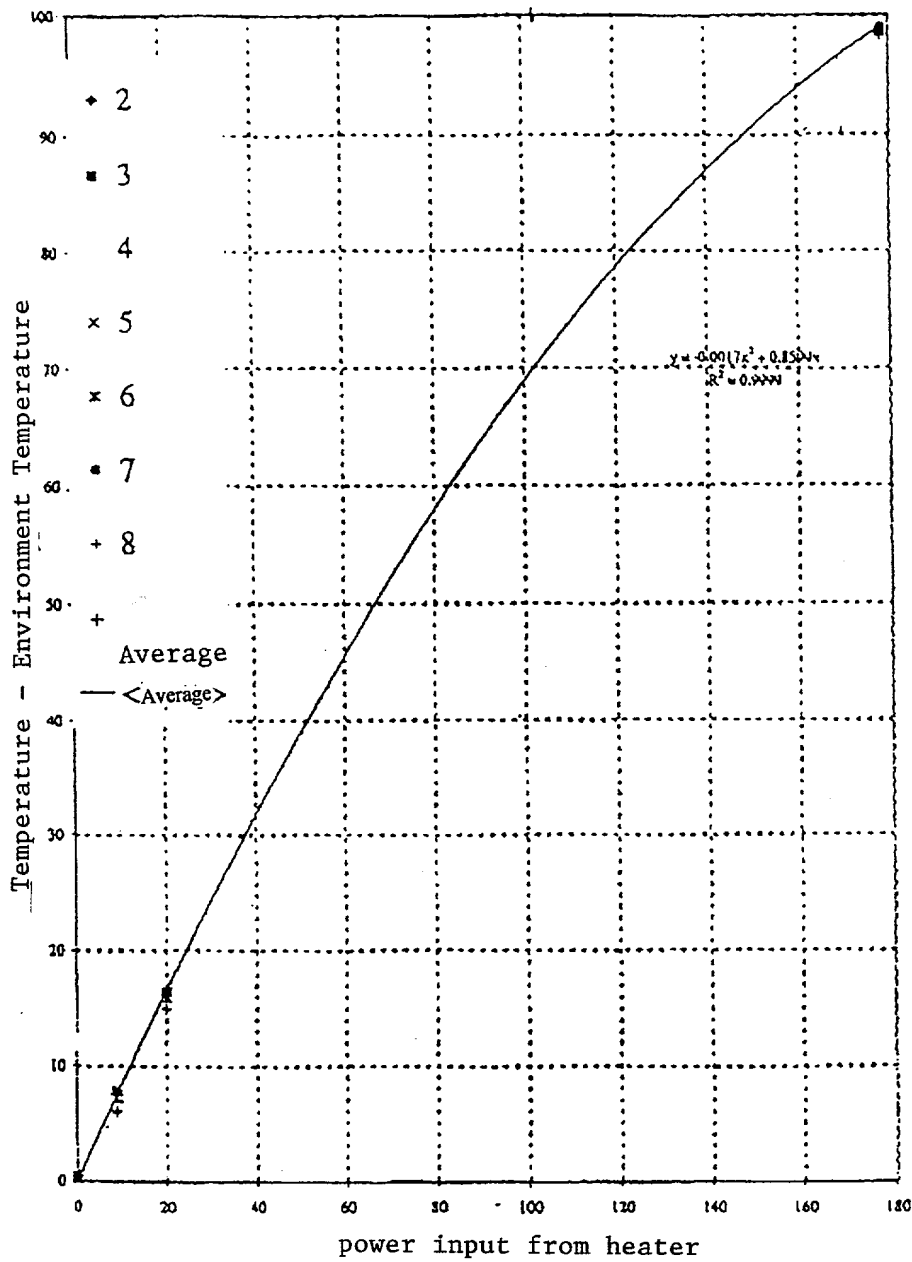


Fig. 1 I



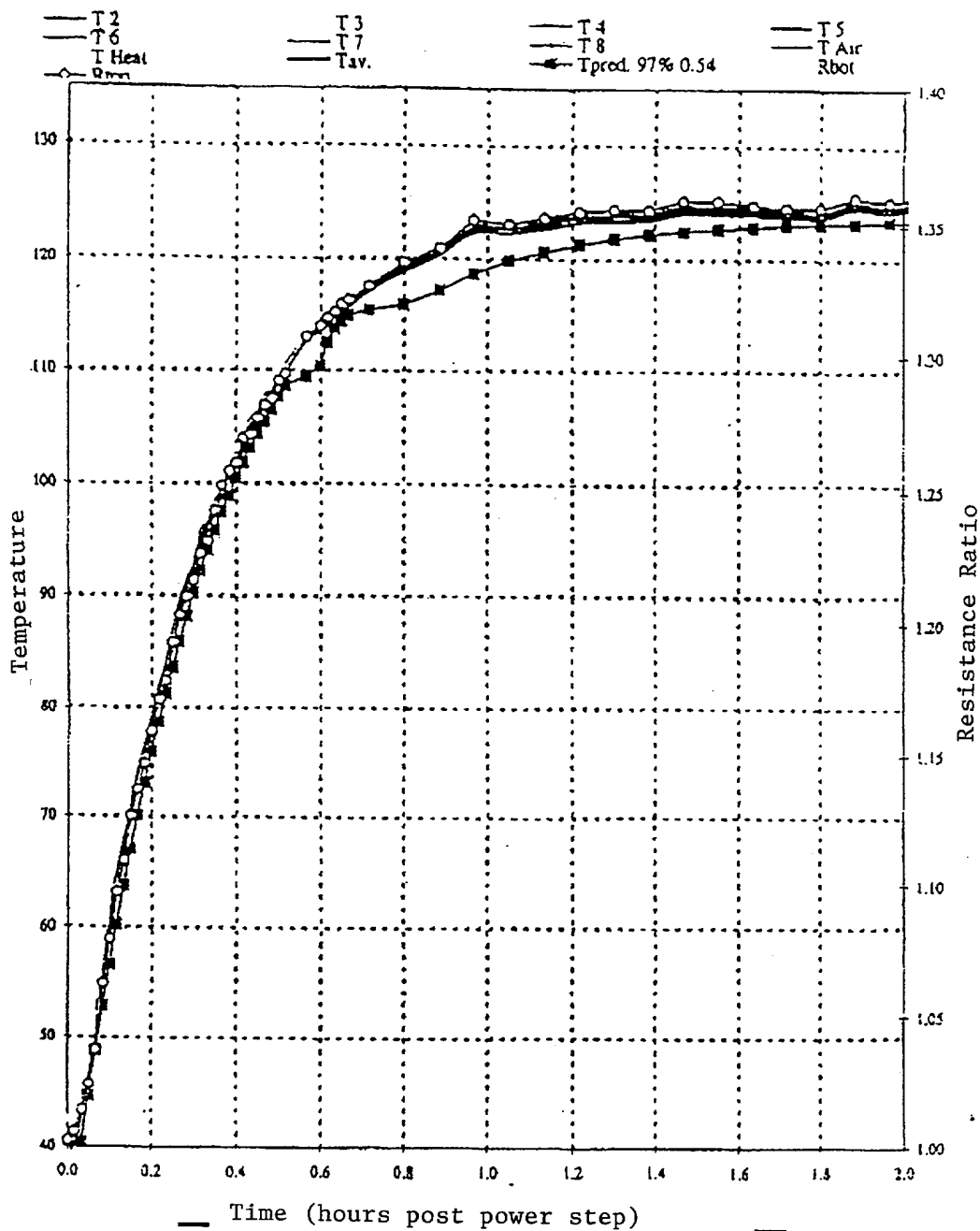


Fig. 1J

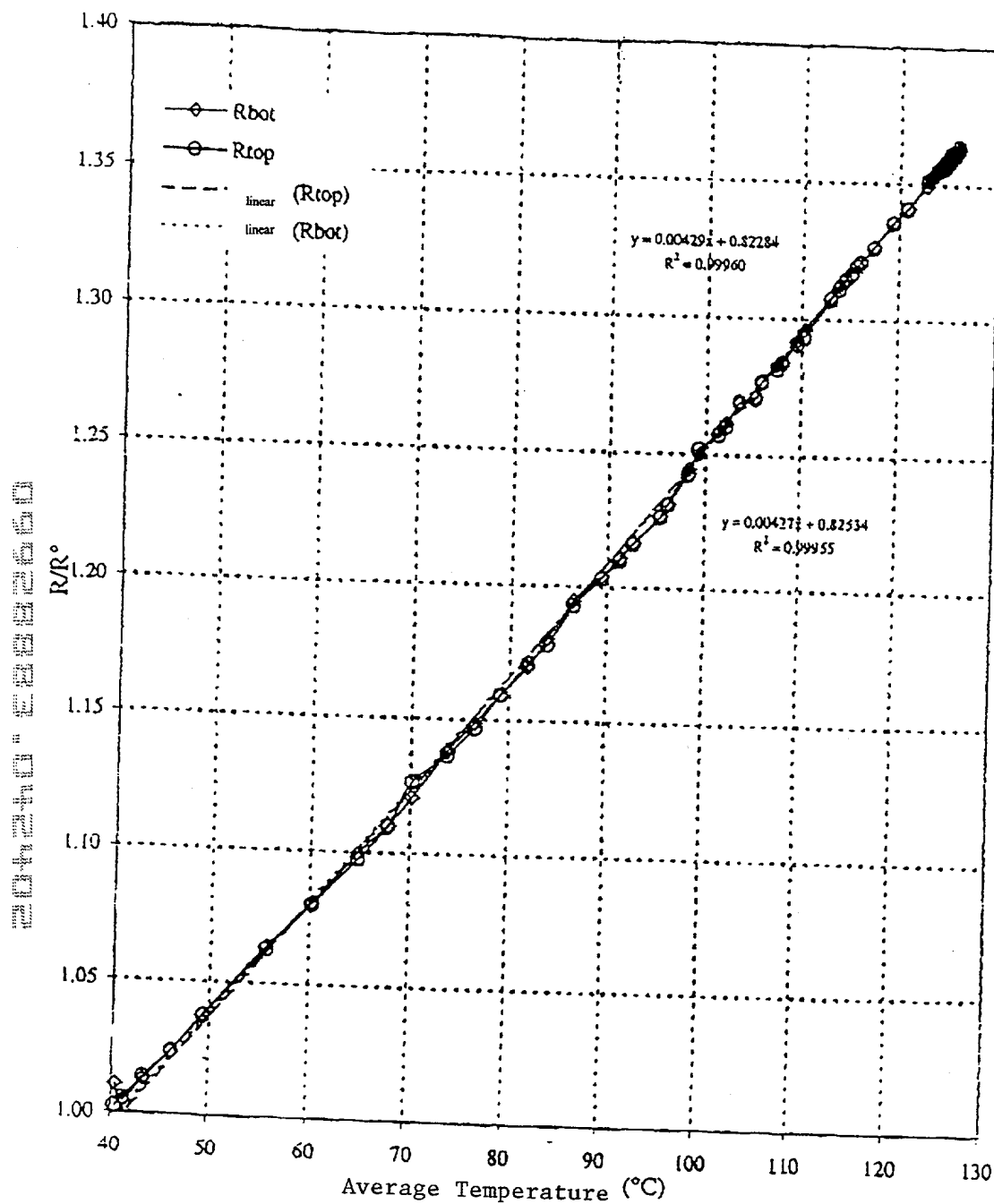


Fig. 1K

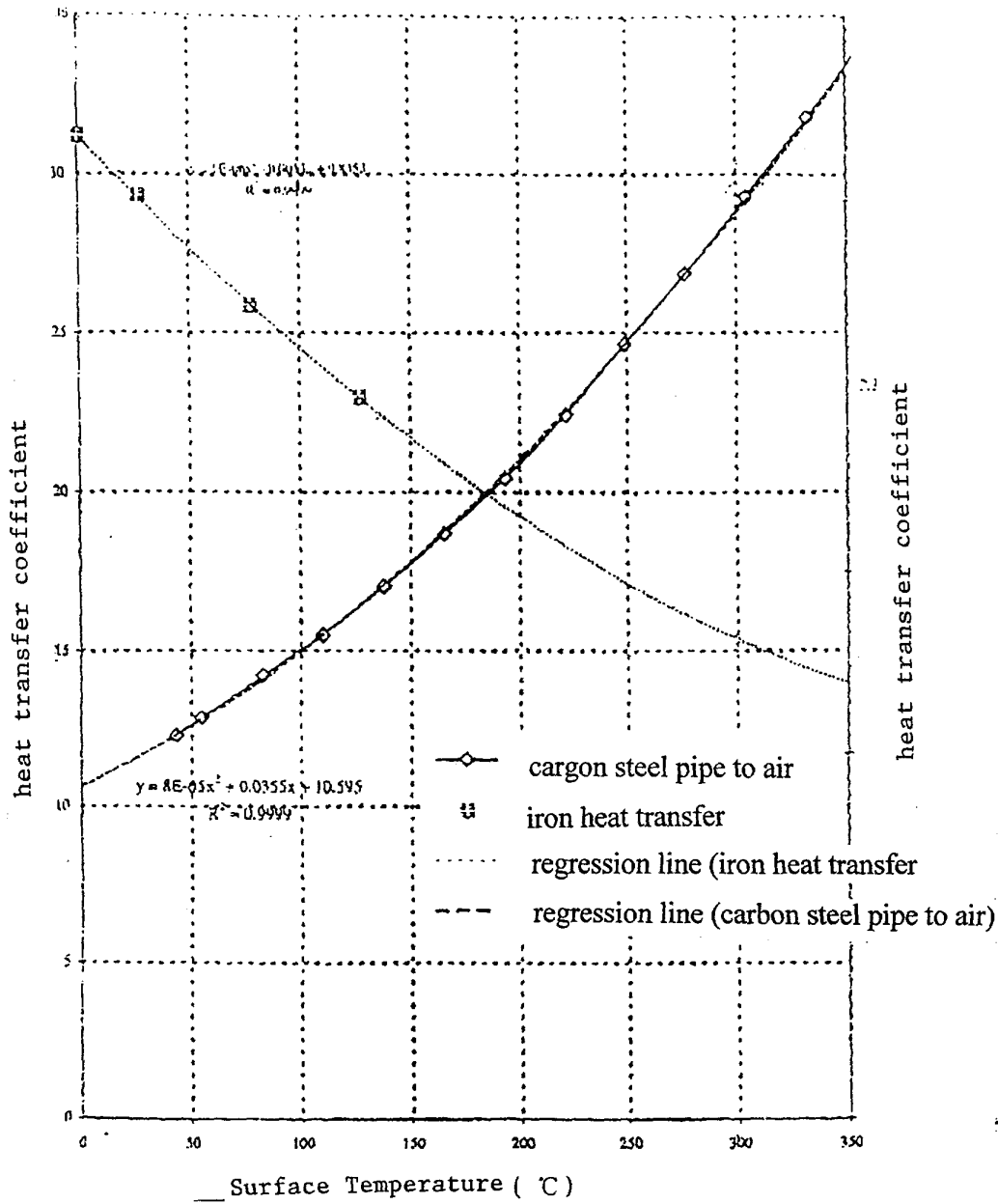


Fig. 1L

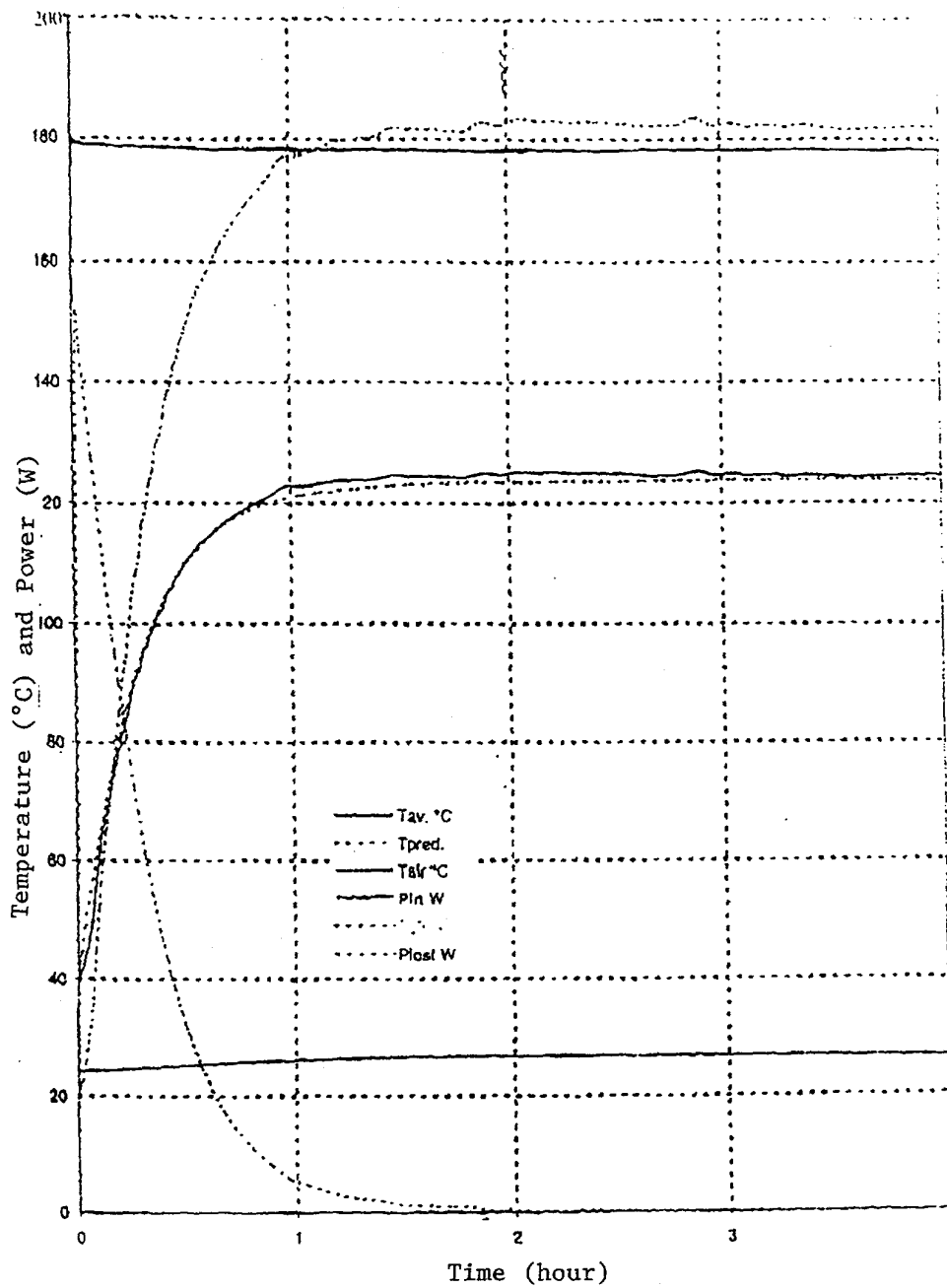


Fig. 1M

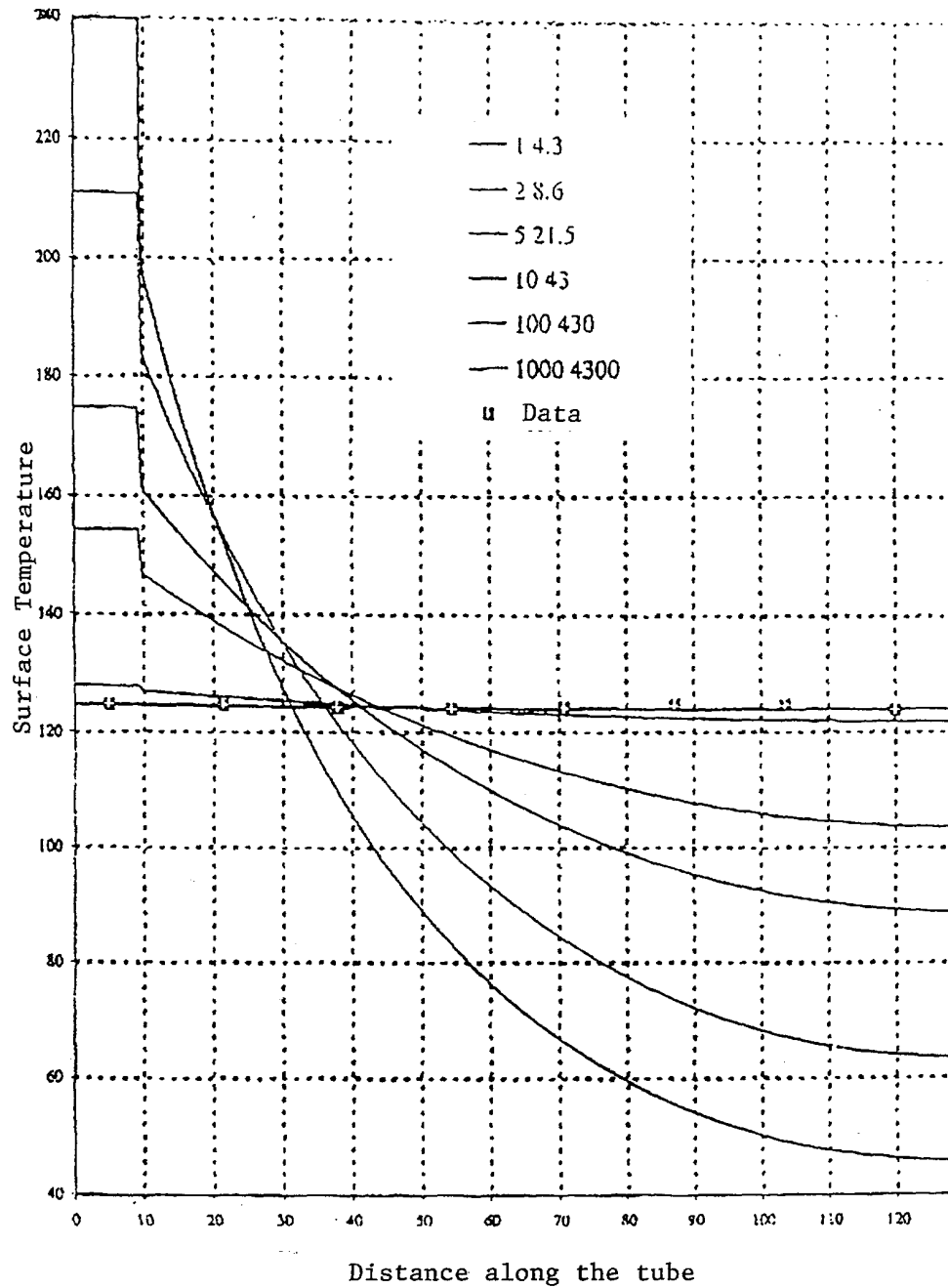


Fig. 1N

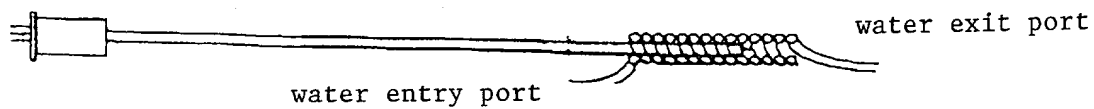


Fig. 10

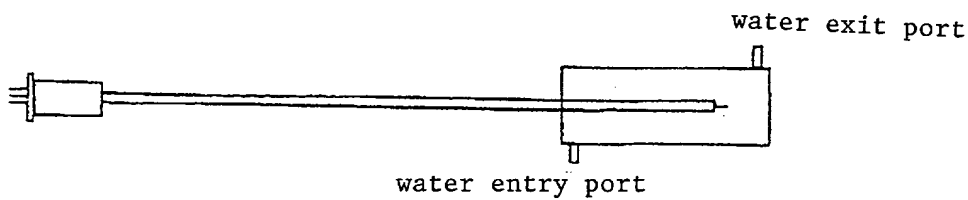


Fig. 1P

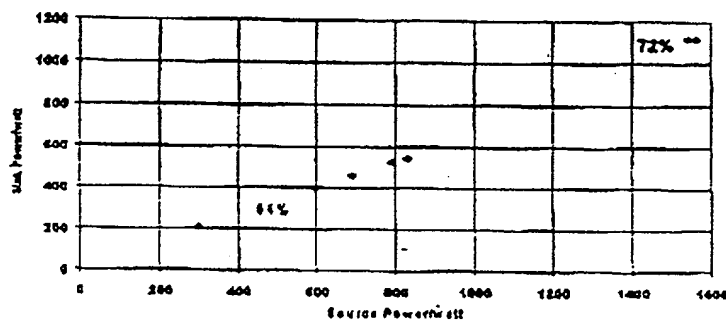


Fig. 1Q

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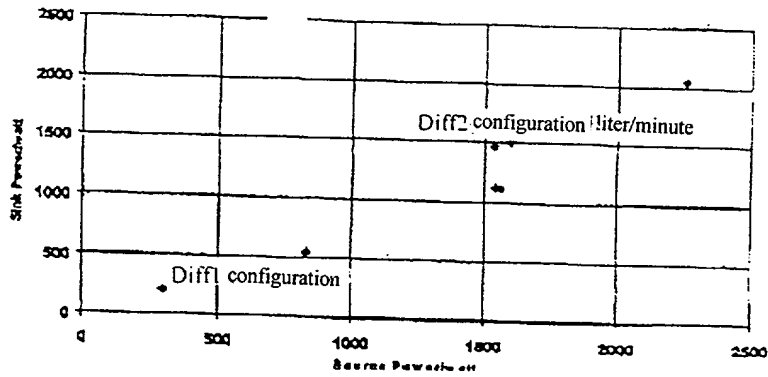


Fig. 1R

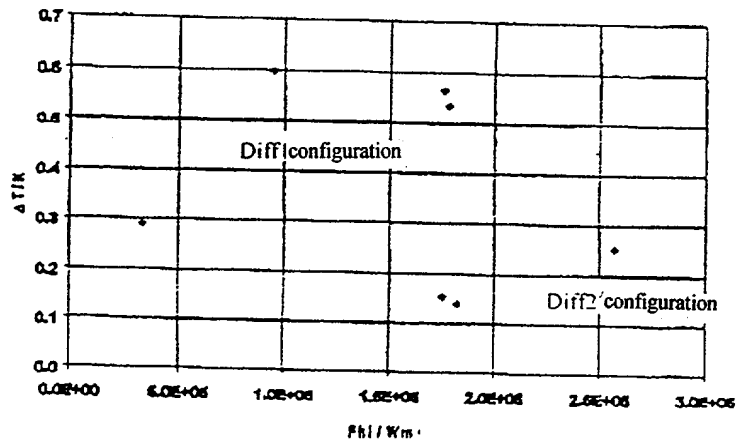


Fig. 1S

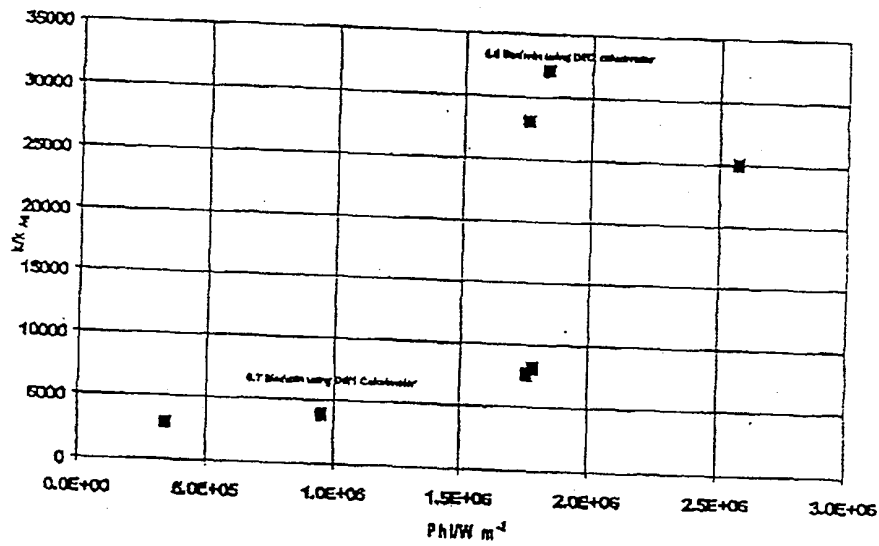


Fig. 1T



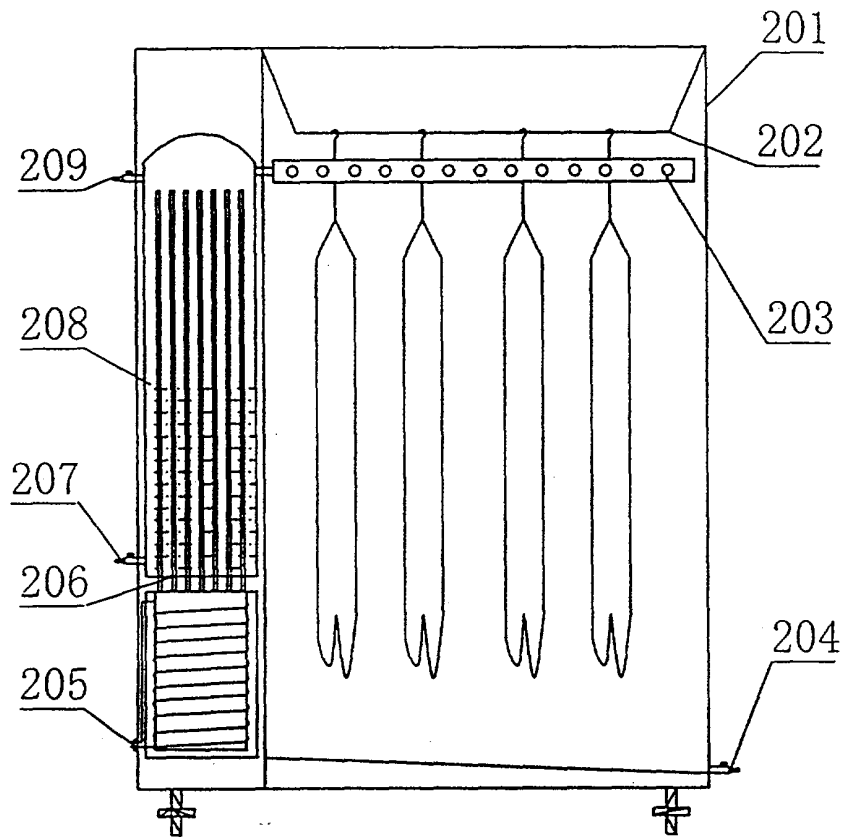


Fig. 2A

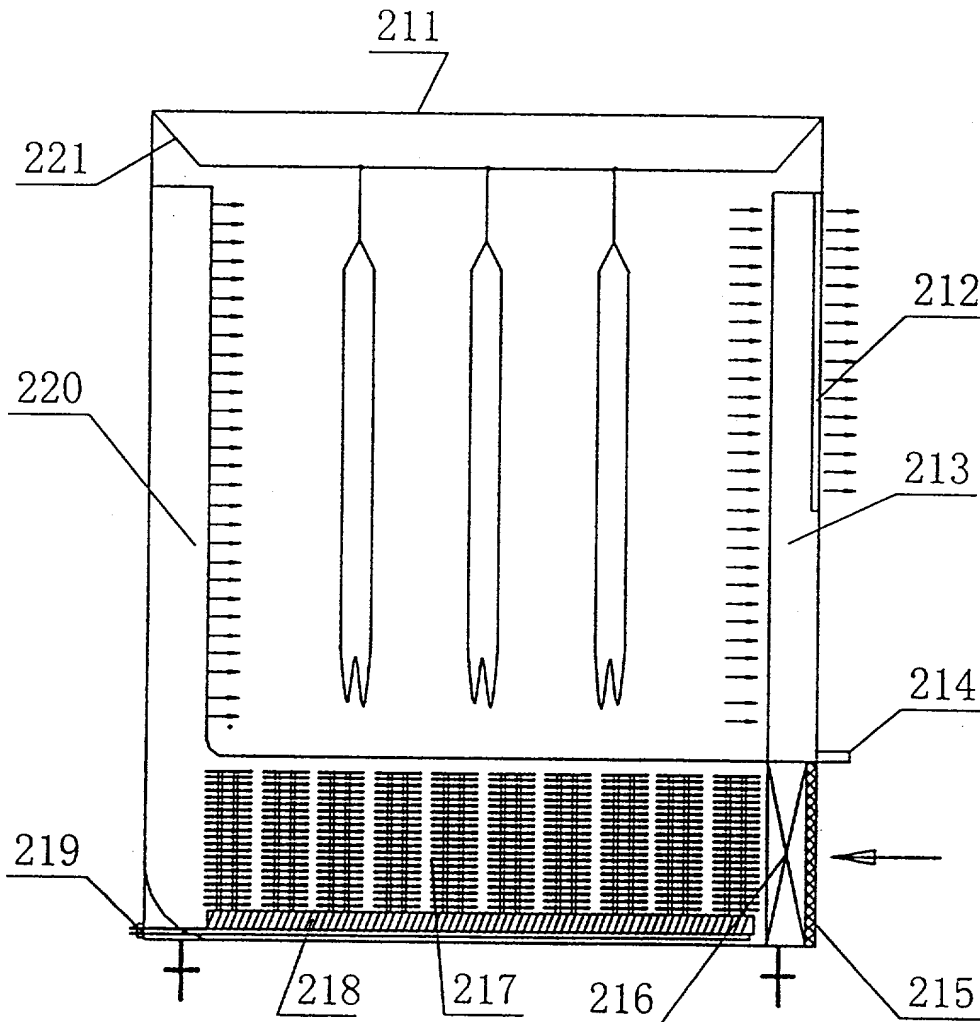


Fig. 2B

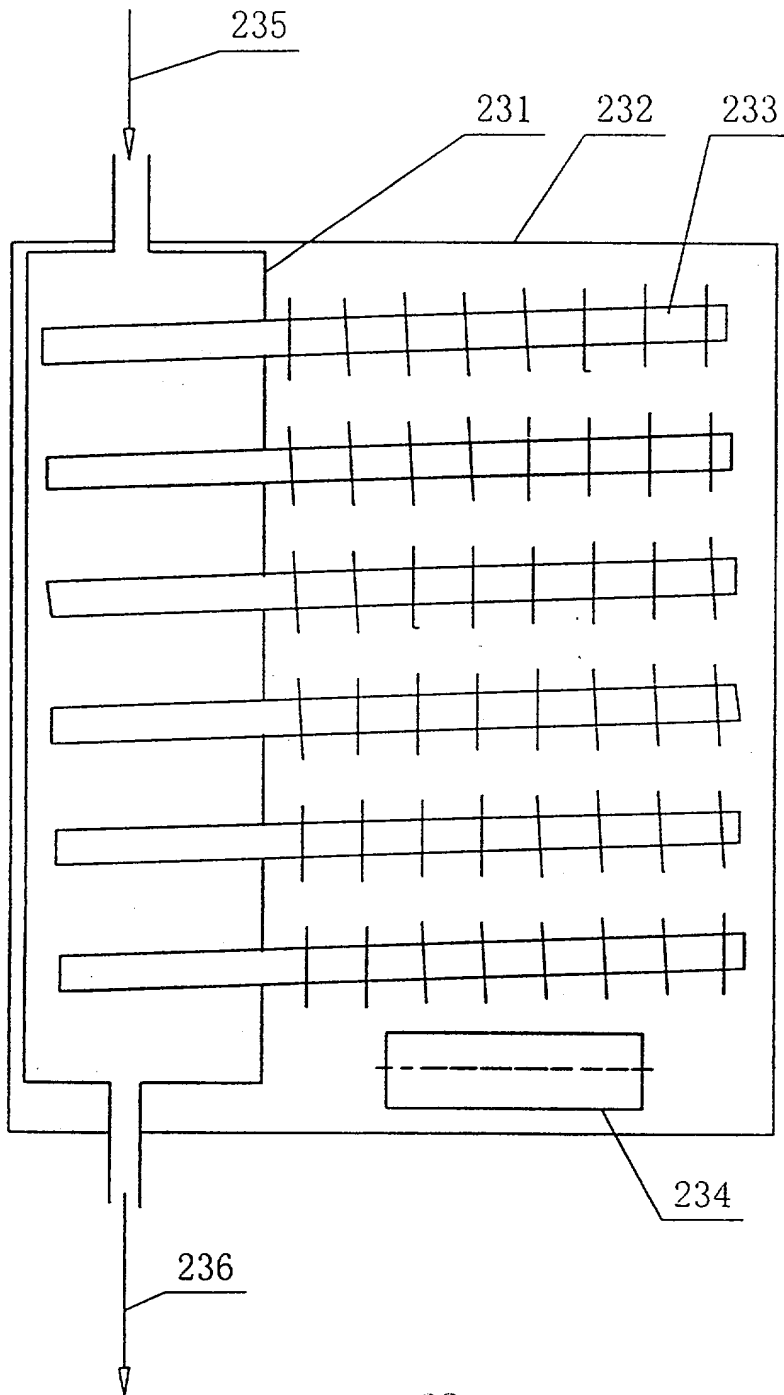


Fig. 2C

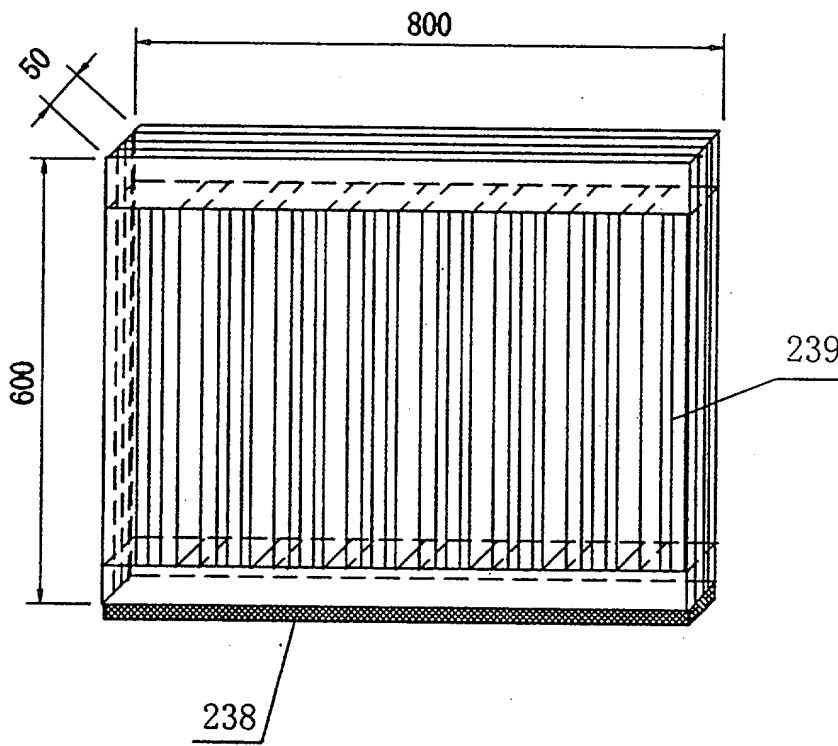


Fig. 2D

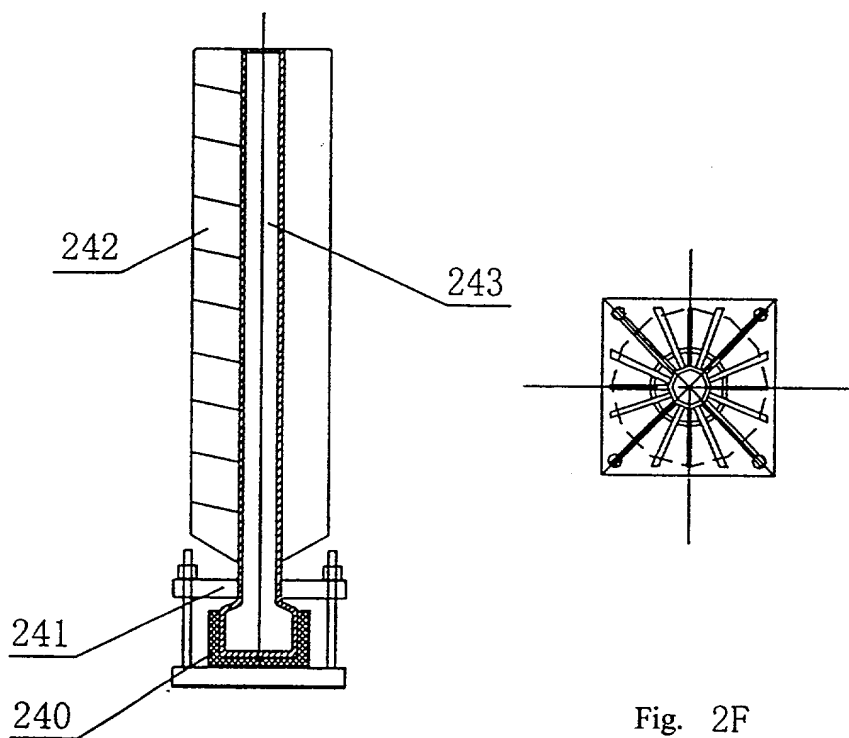


Fig. 2E

Fig. 2F

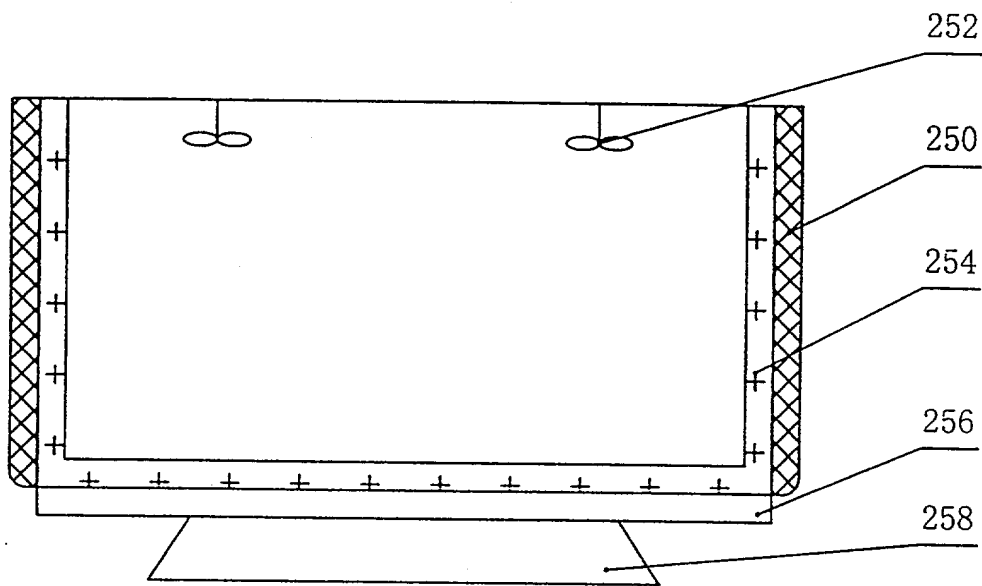


Fig. 2G

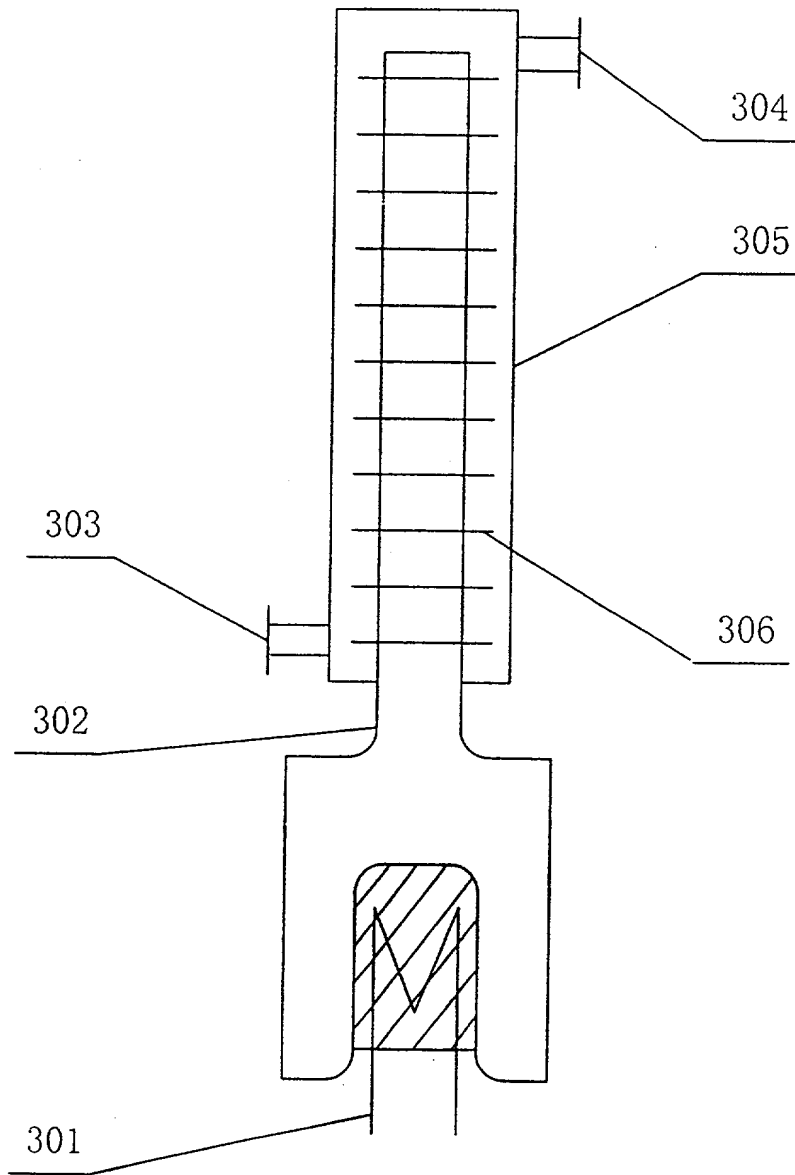


Fig. 3A

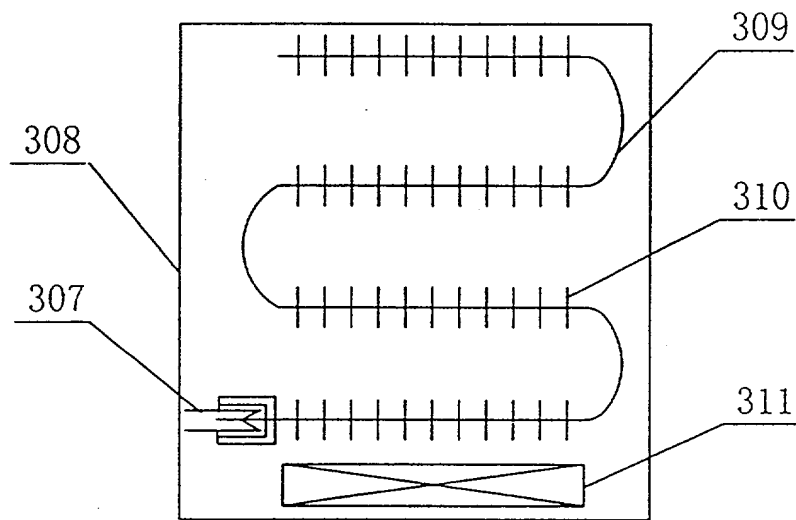
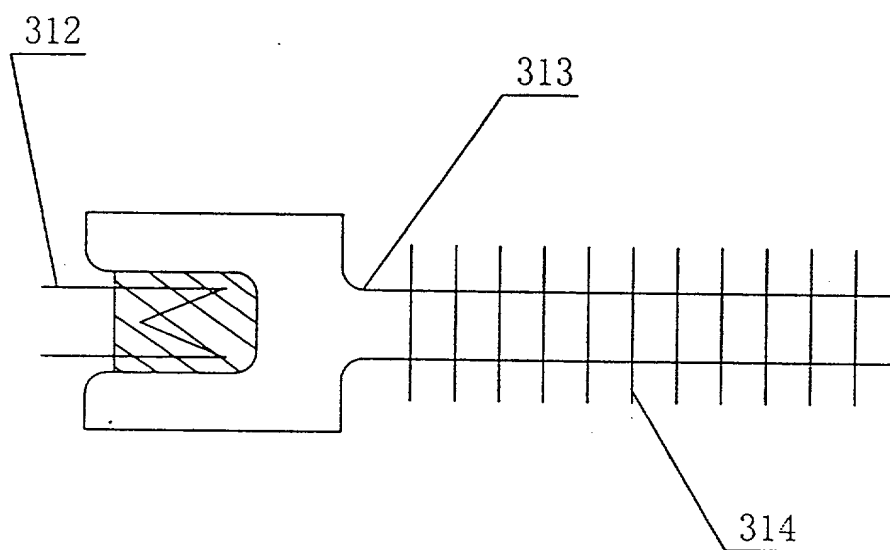


Fig. 3B





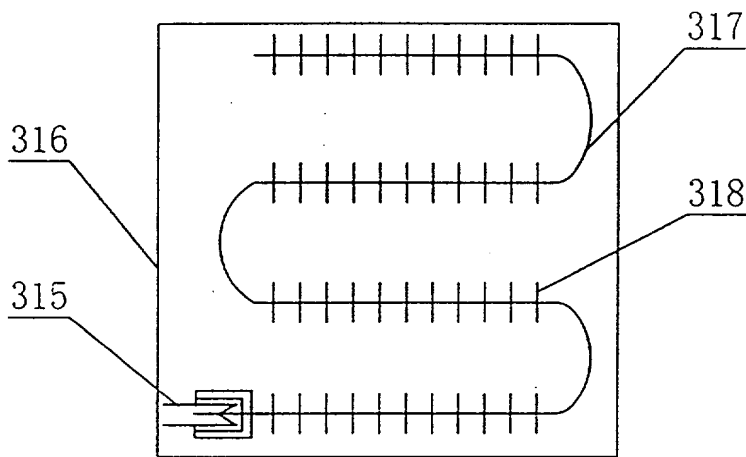


Fig. 3D

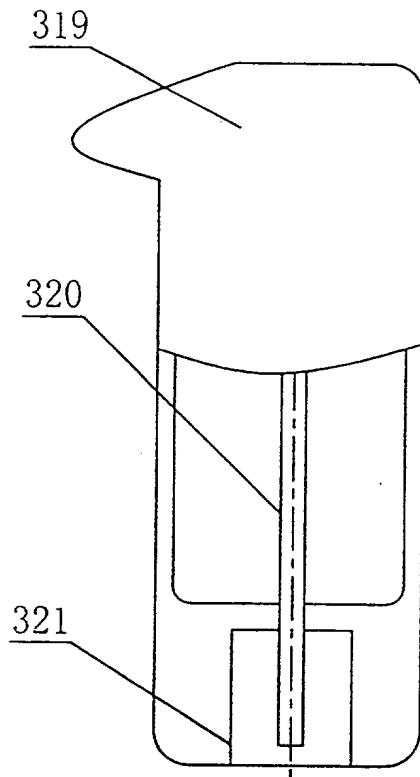
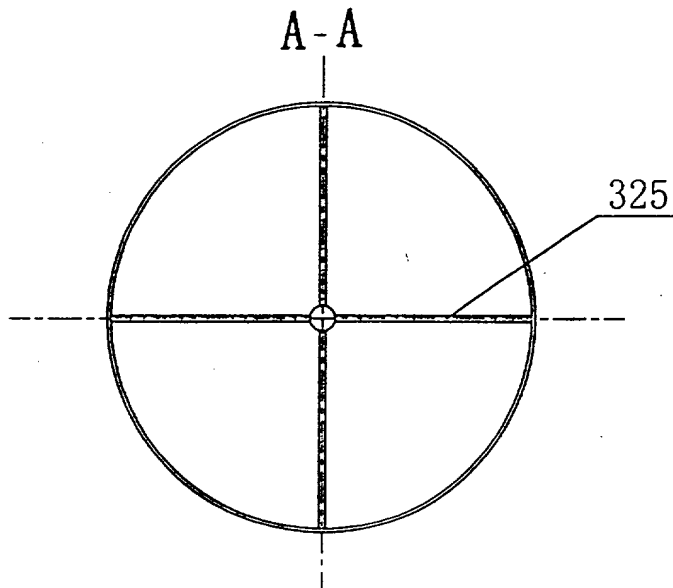
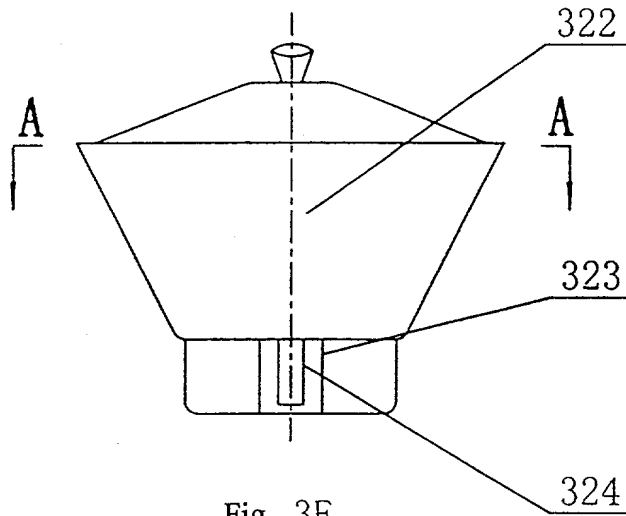


Fig. 3E



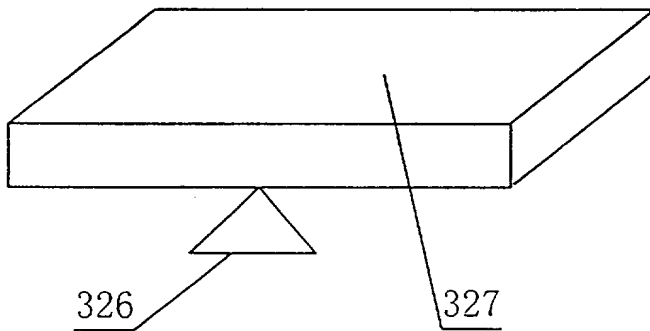


Fig. 3H

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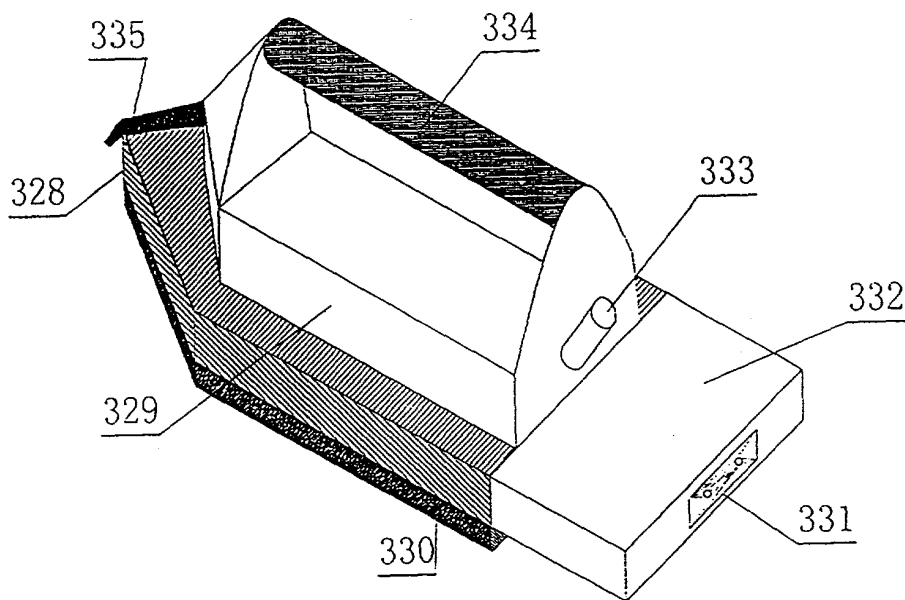


Fig. 3I

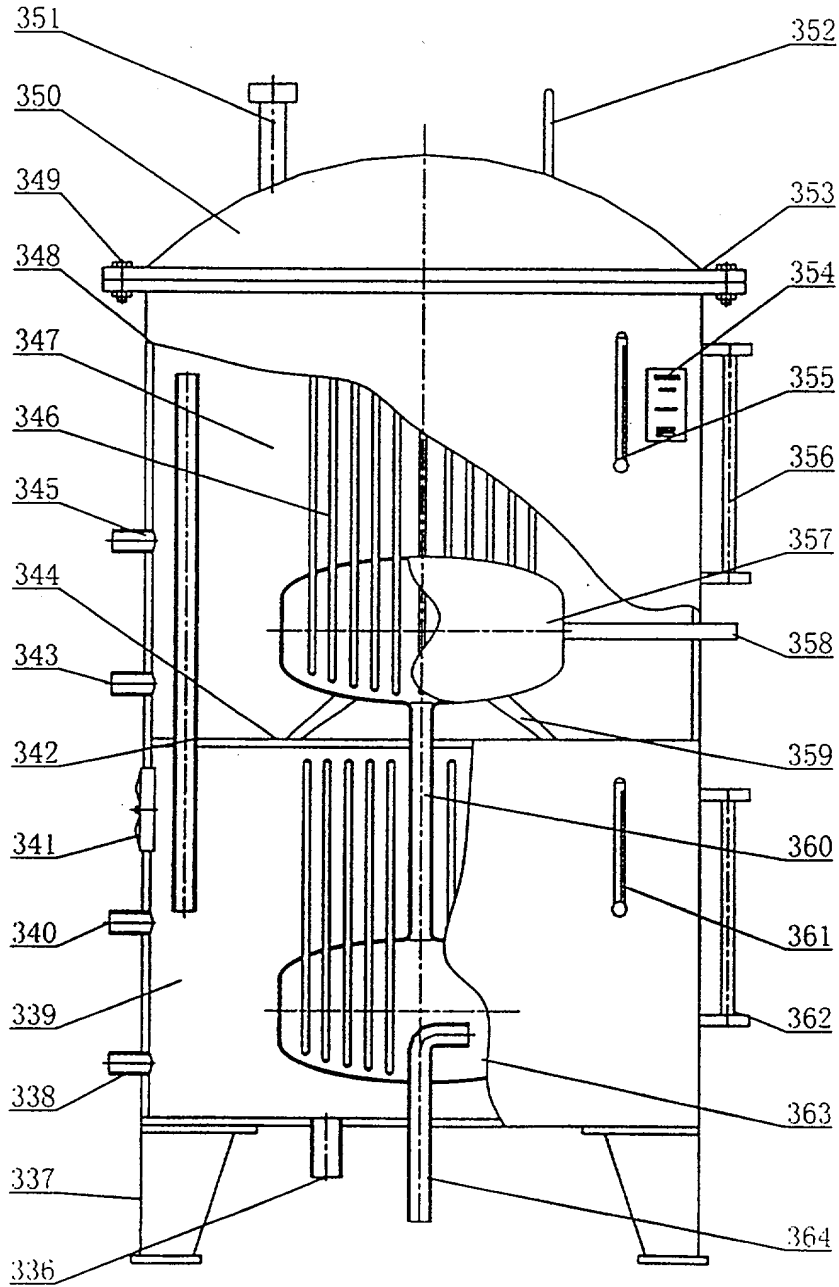


Fig. 3J

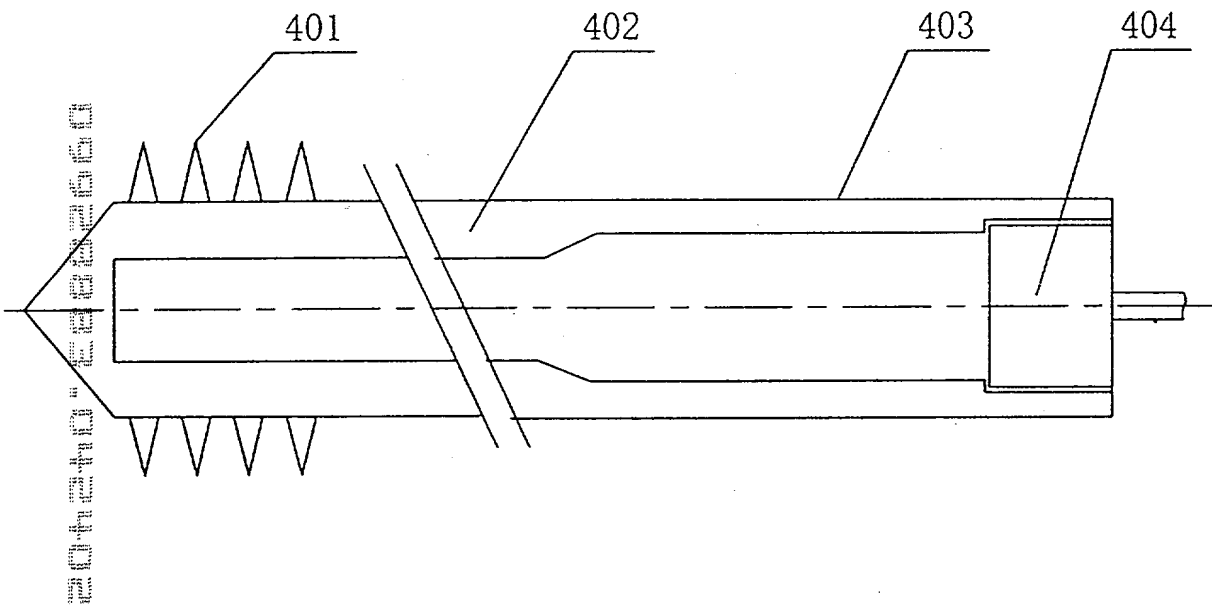


Fig. 4A



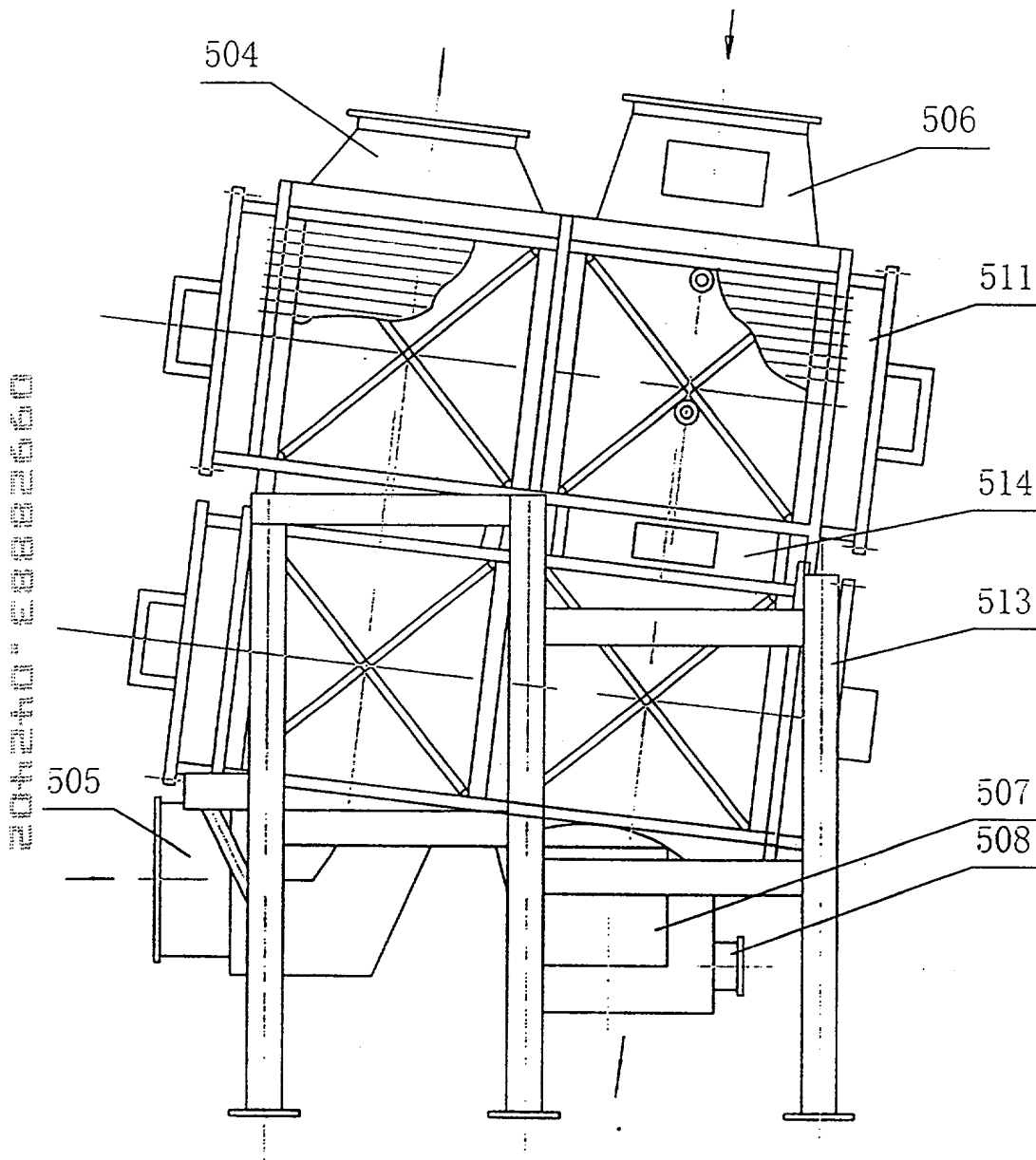


Fig. 5AA

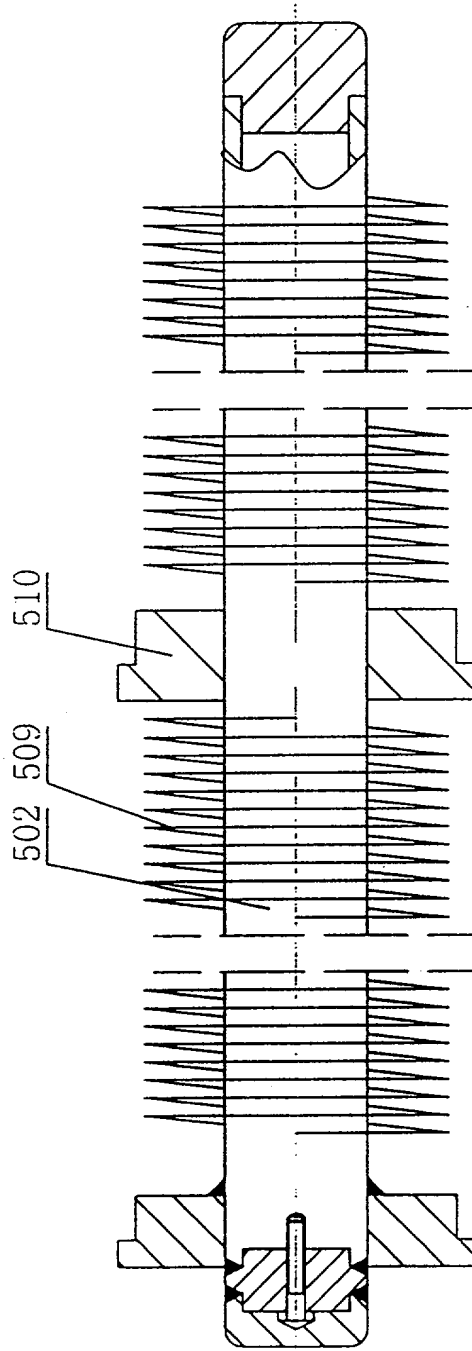


Fig. 5AB

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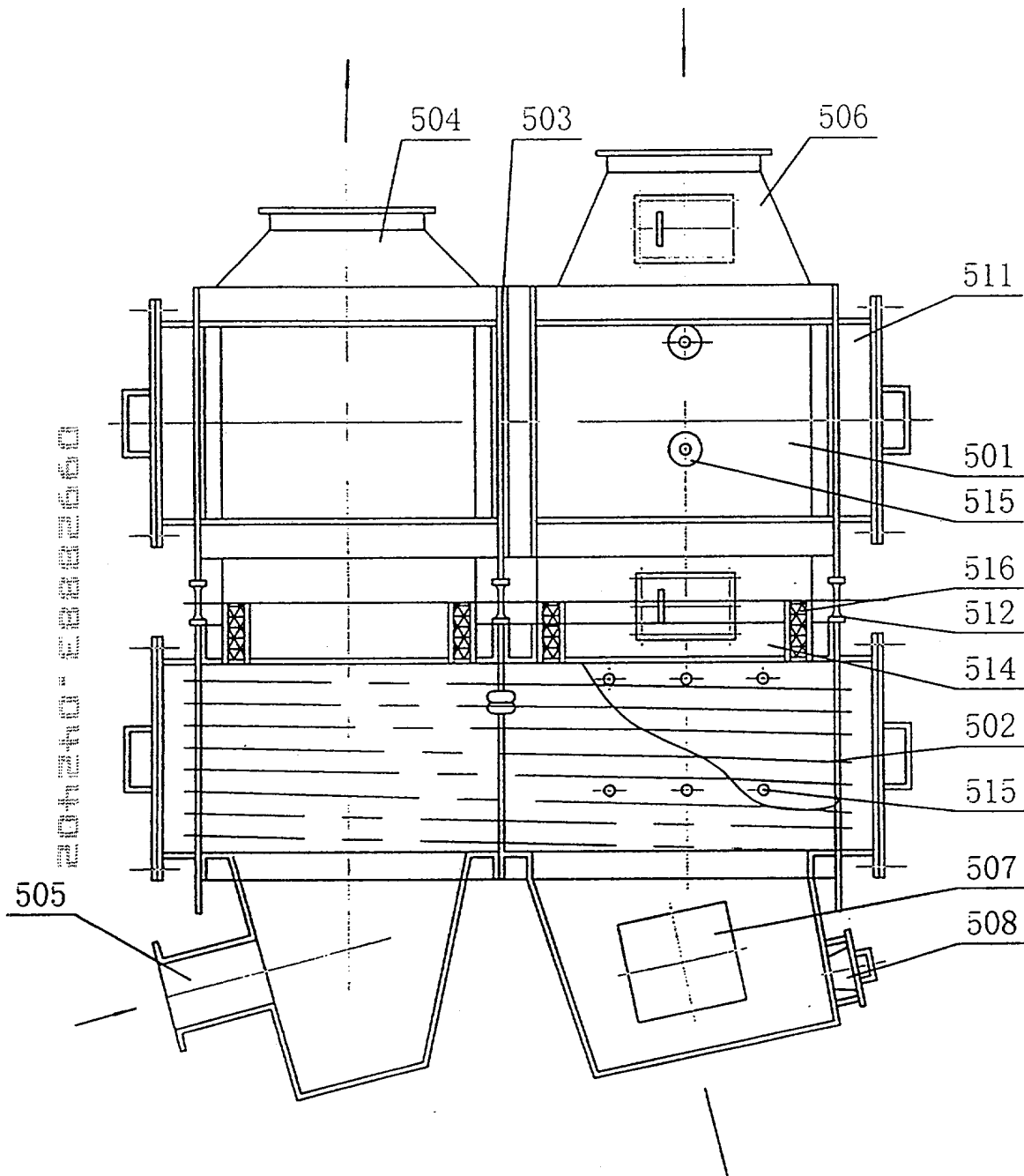


Fig. 5AC

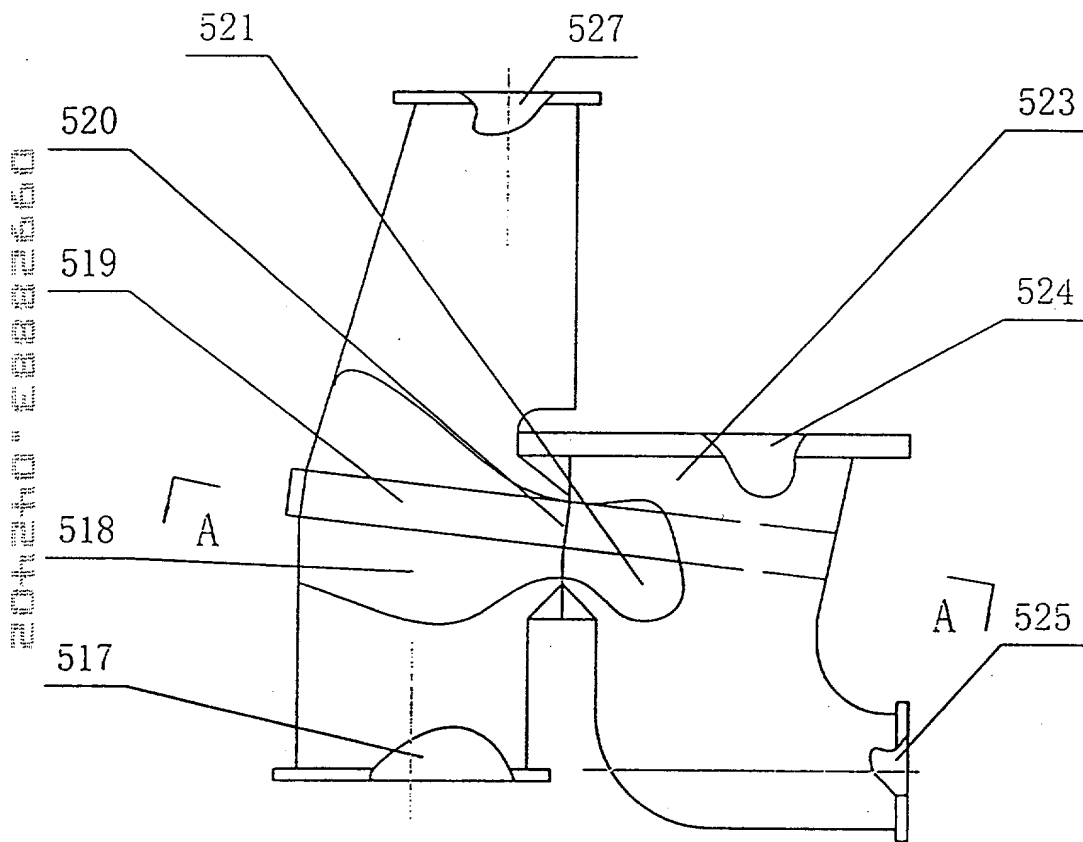


Fig. 5BA

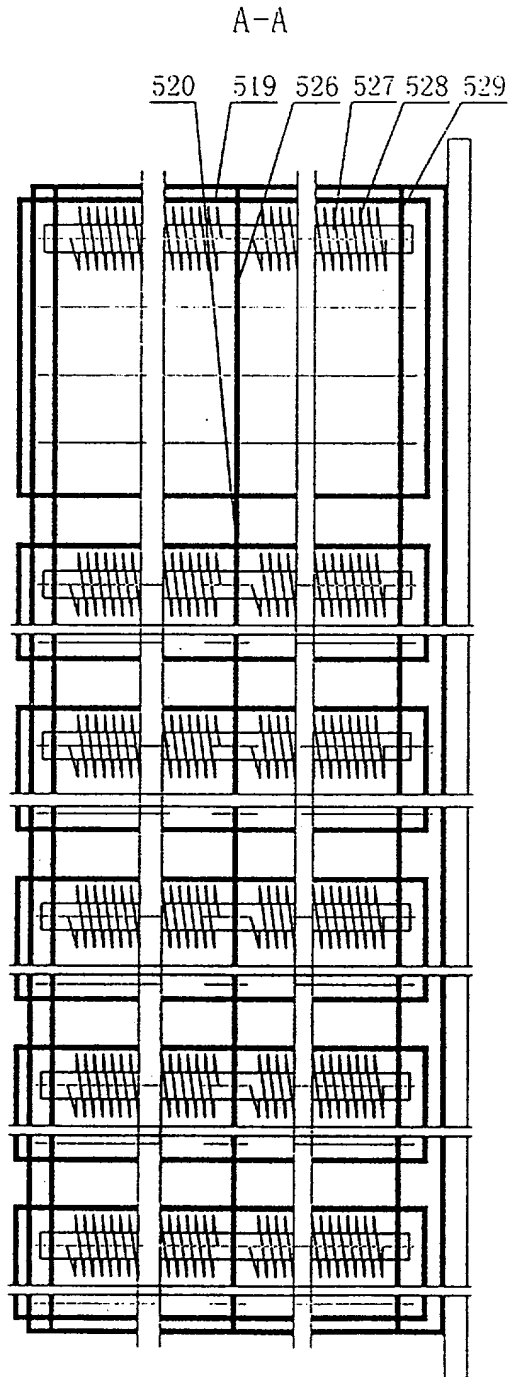


Fig. 5BB

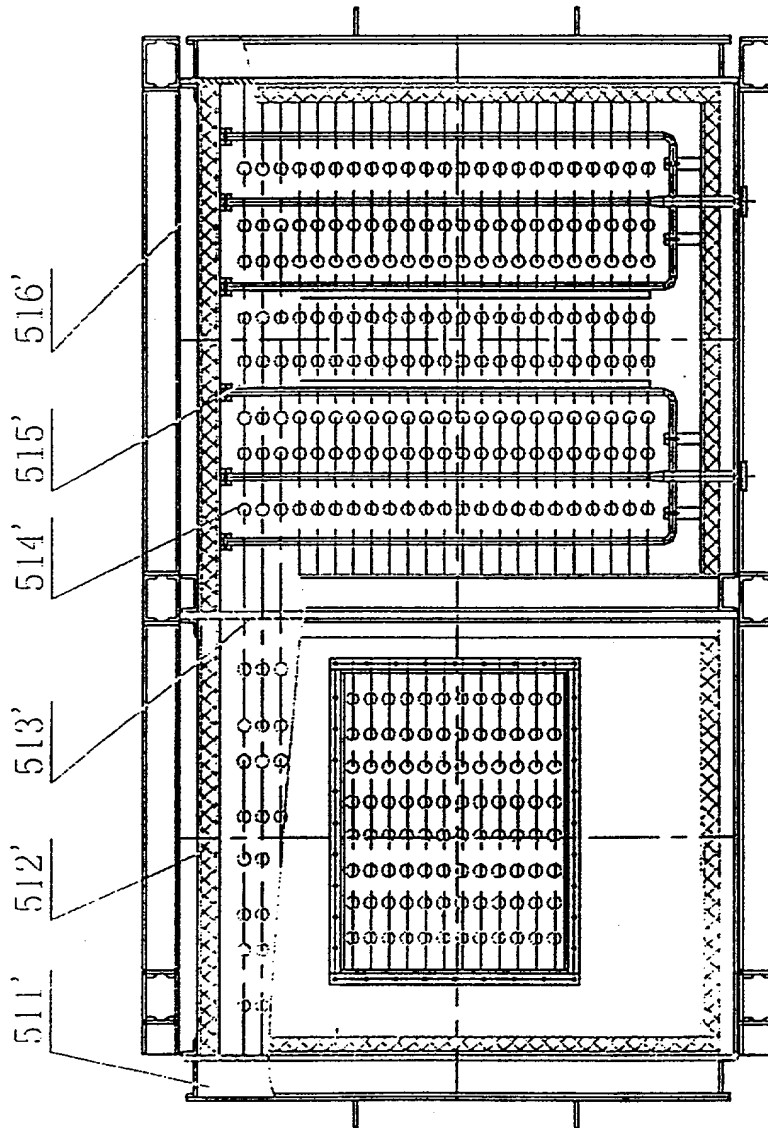


Fig. 5CA

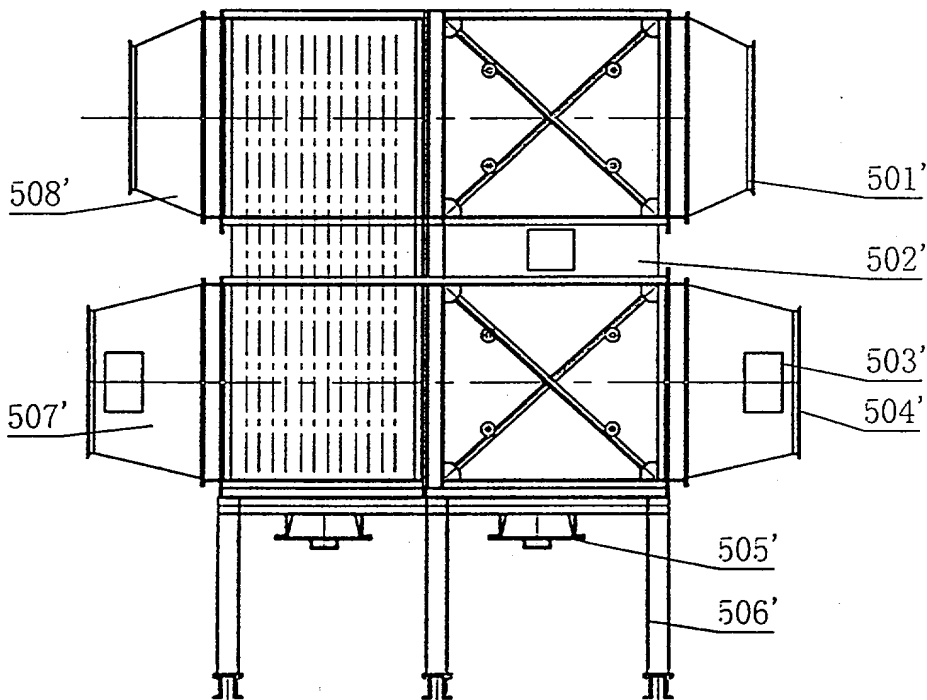


Fig. 5CB

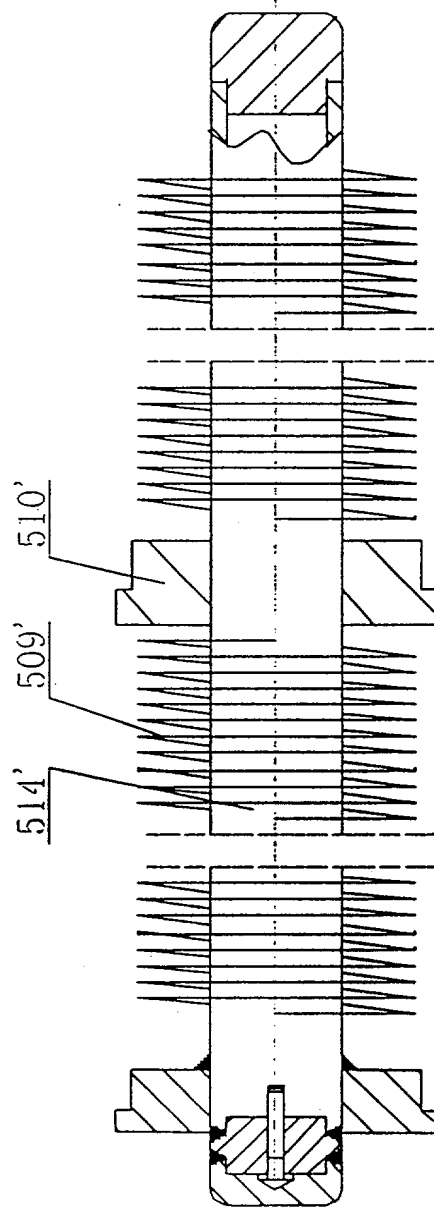


Fig. 5CC

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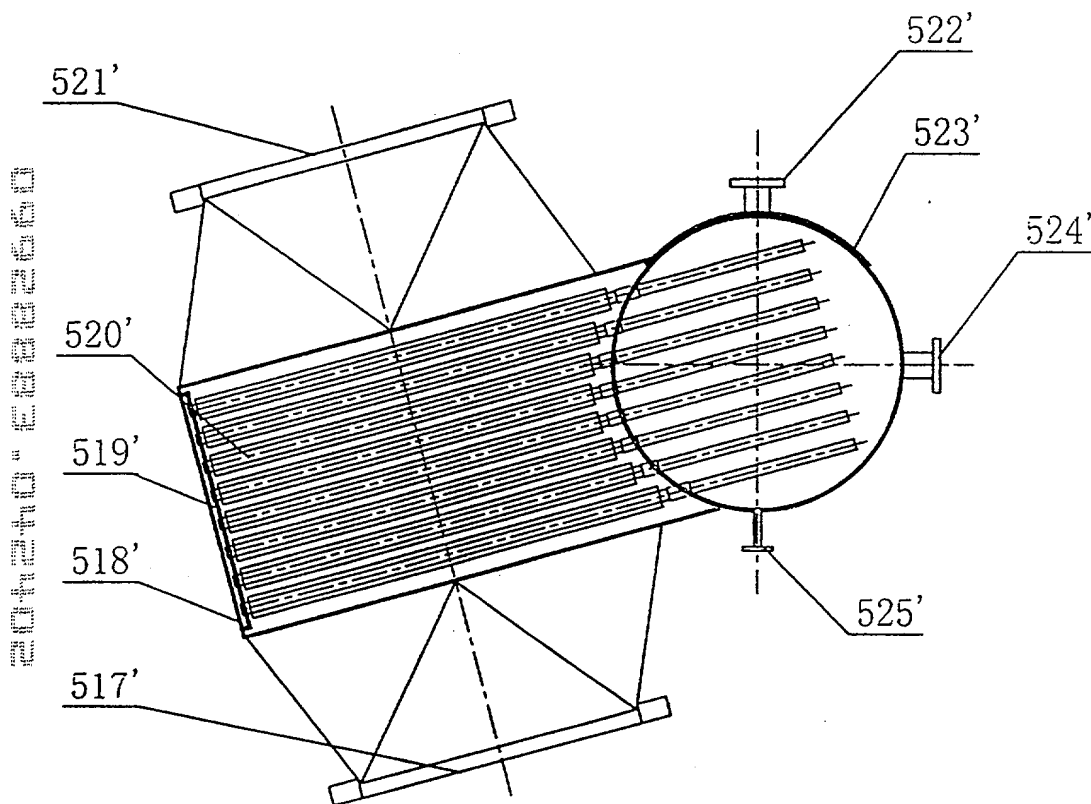


Fig. 5D

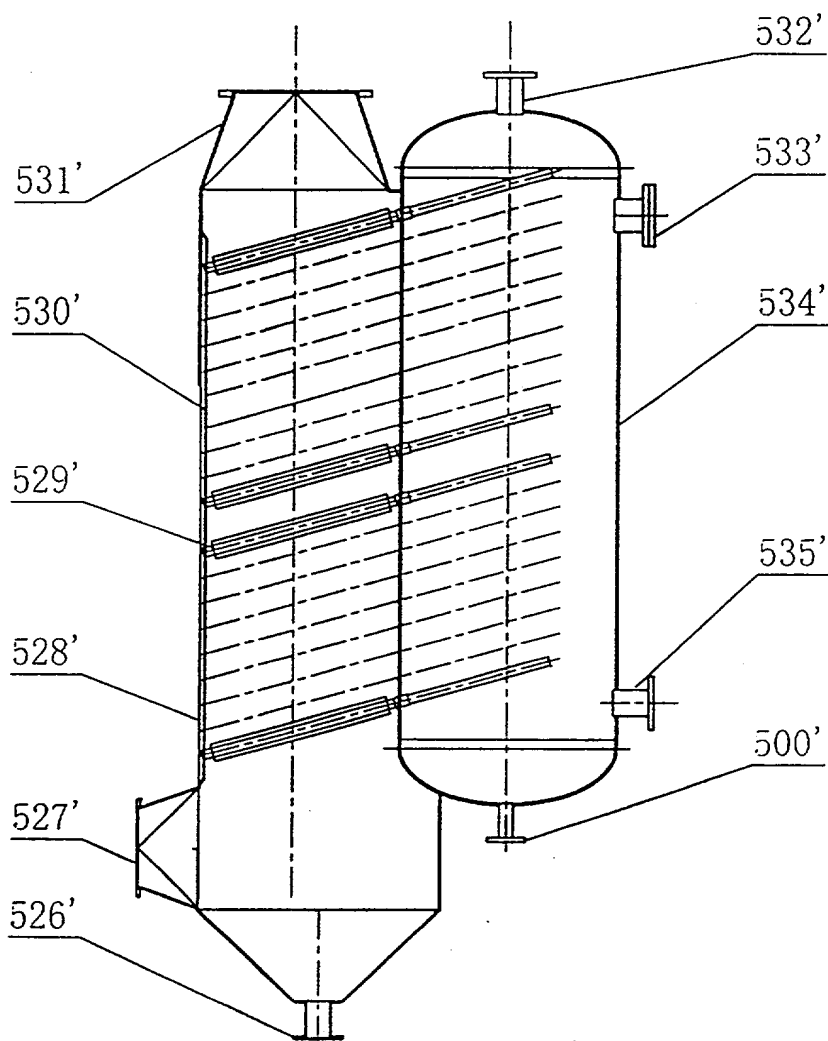


Fig. 5EA

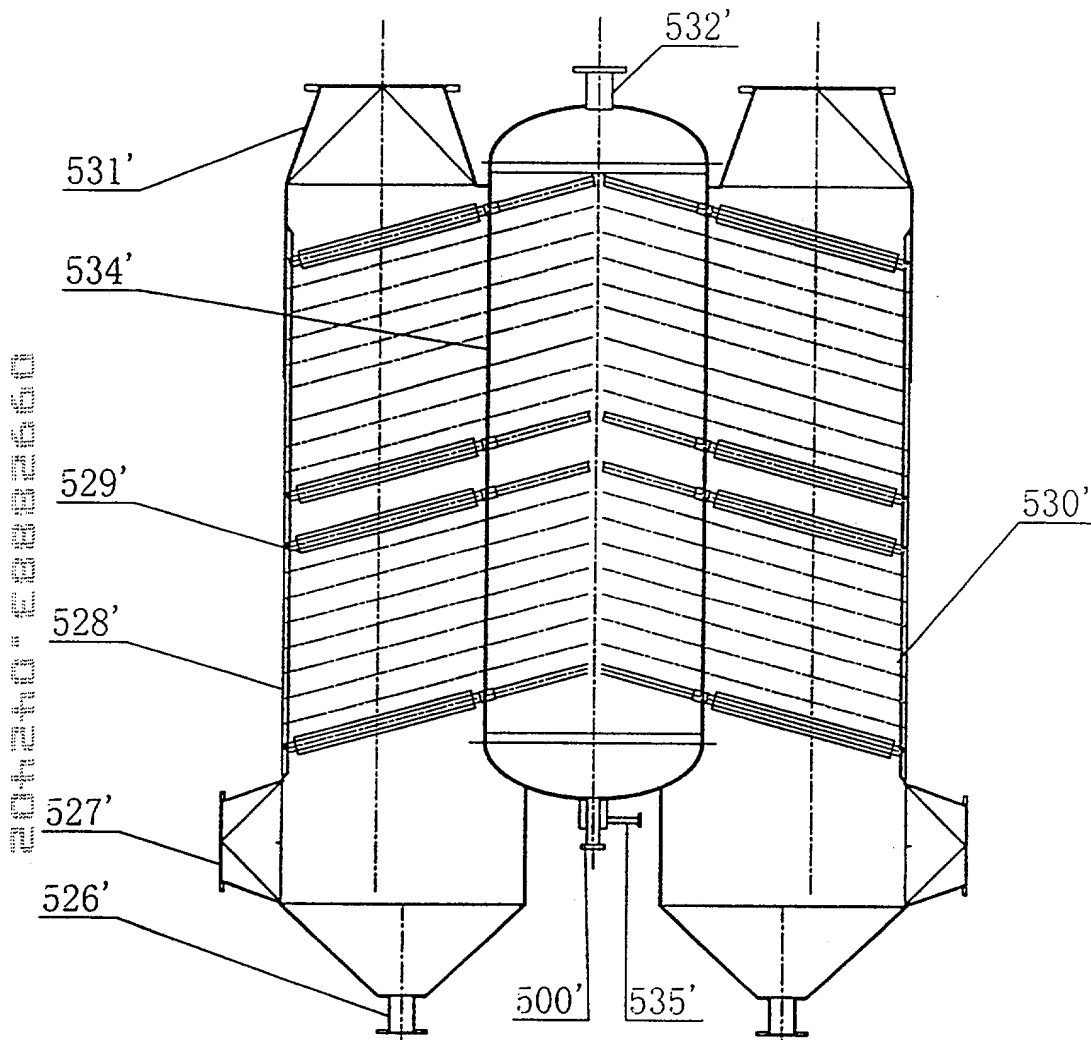


Fig. 5EB

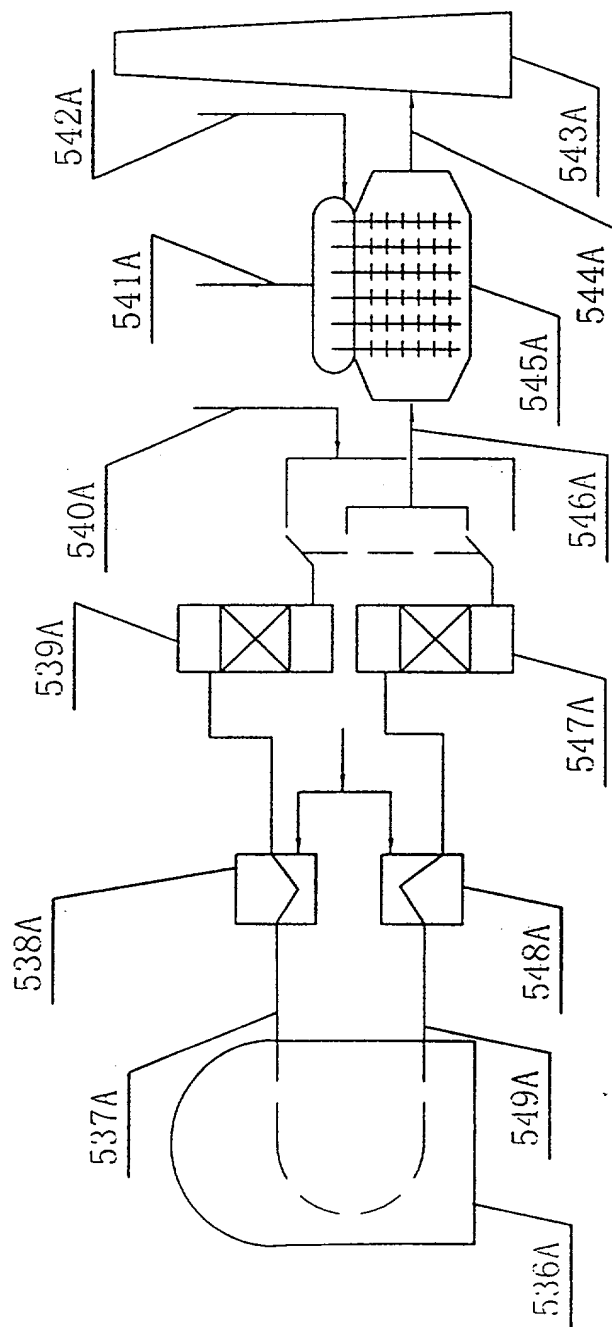


Fig. 51A

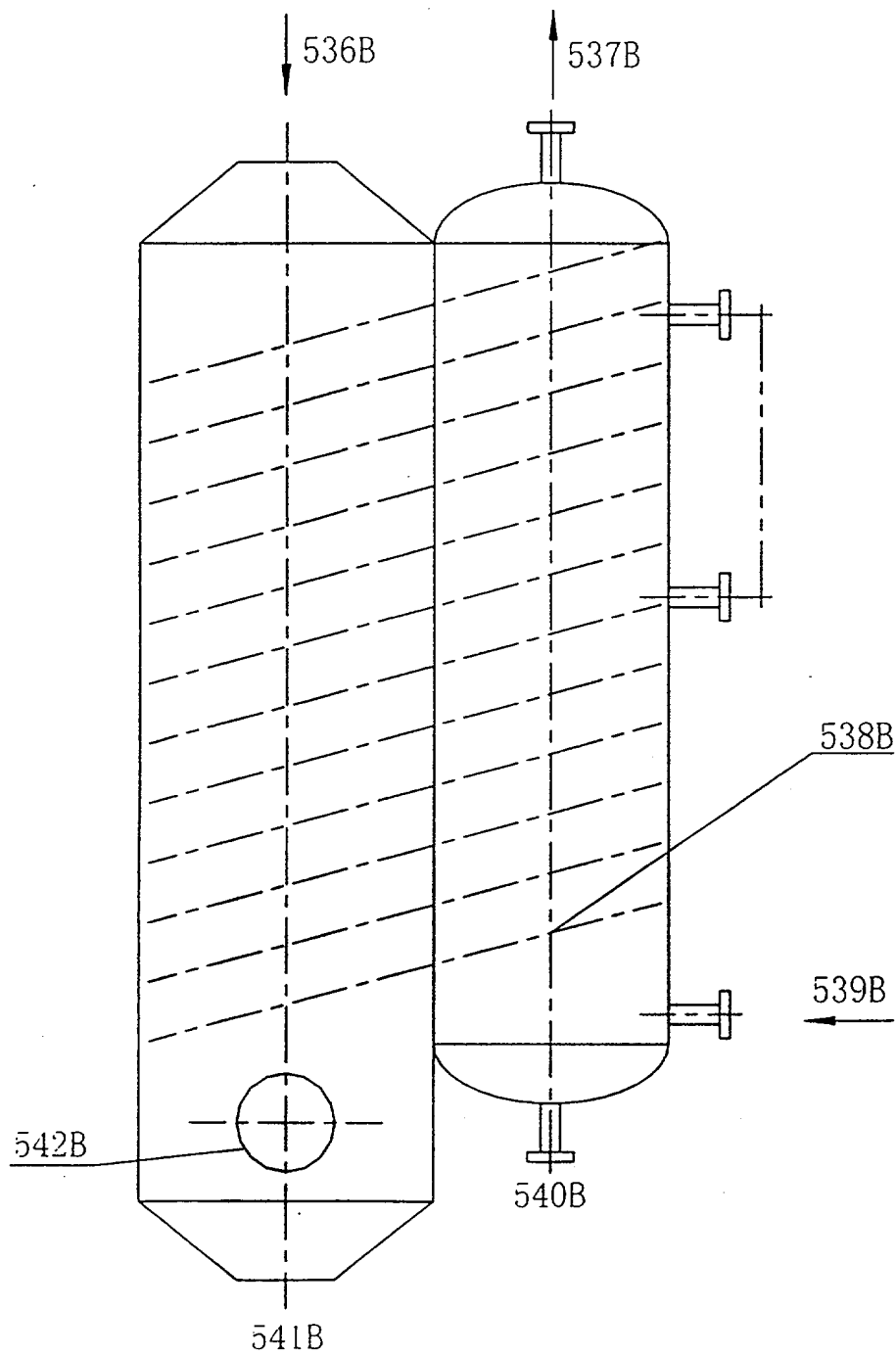


Fig. 51B

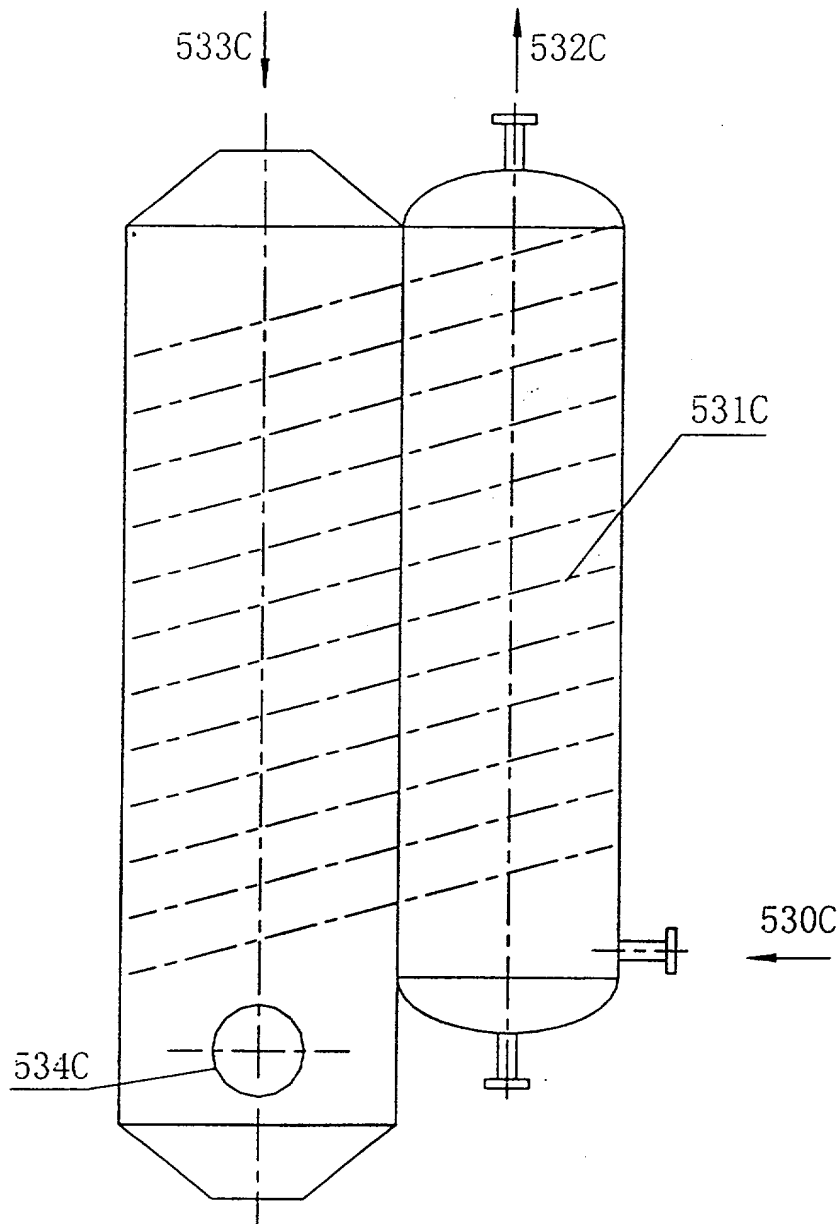


Fig. 51C

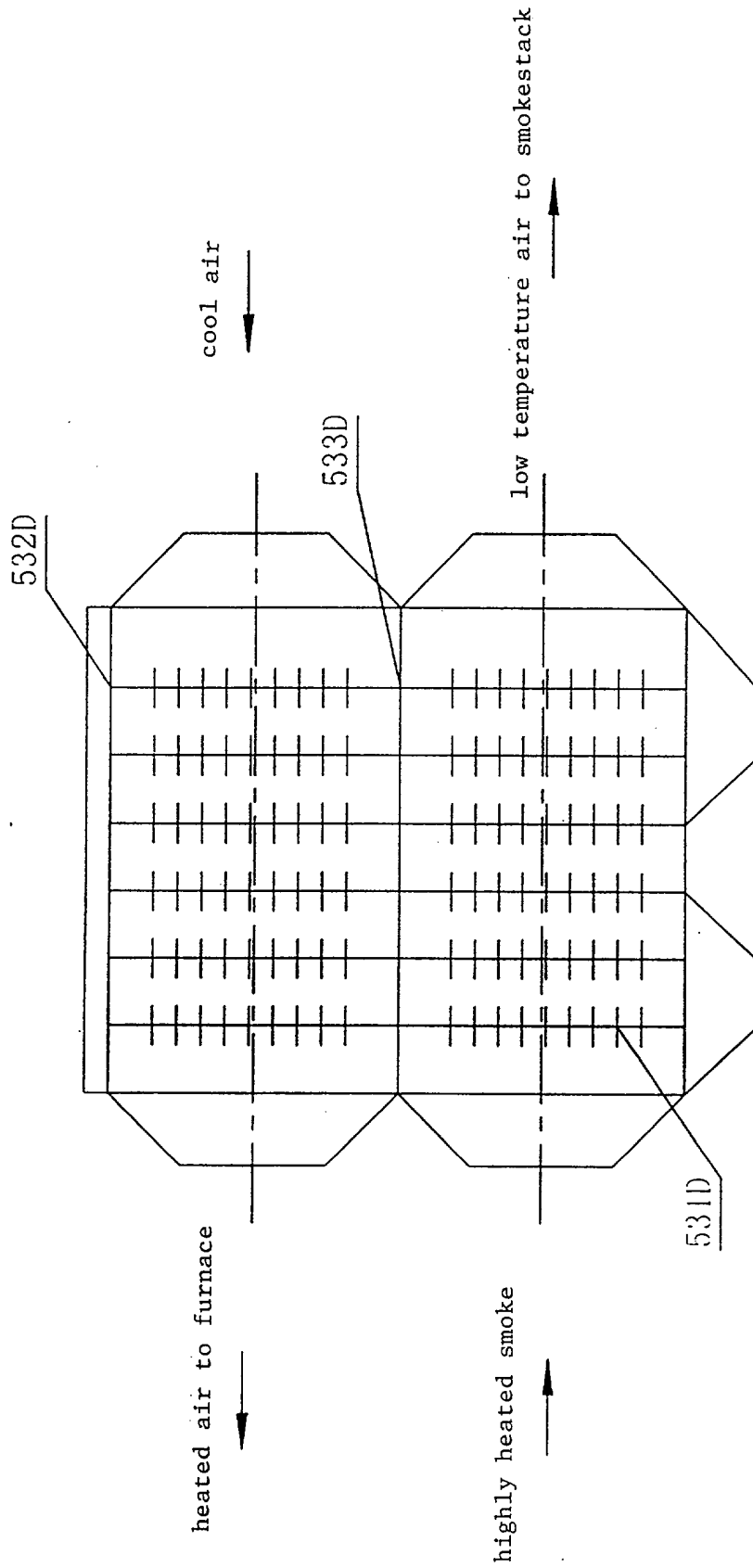


Fig. 51D

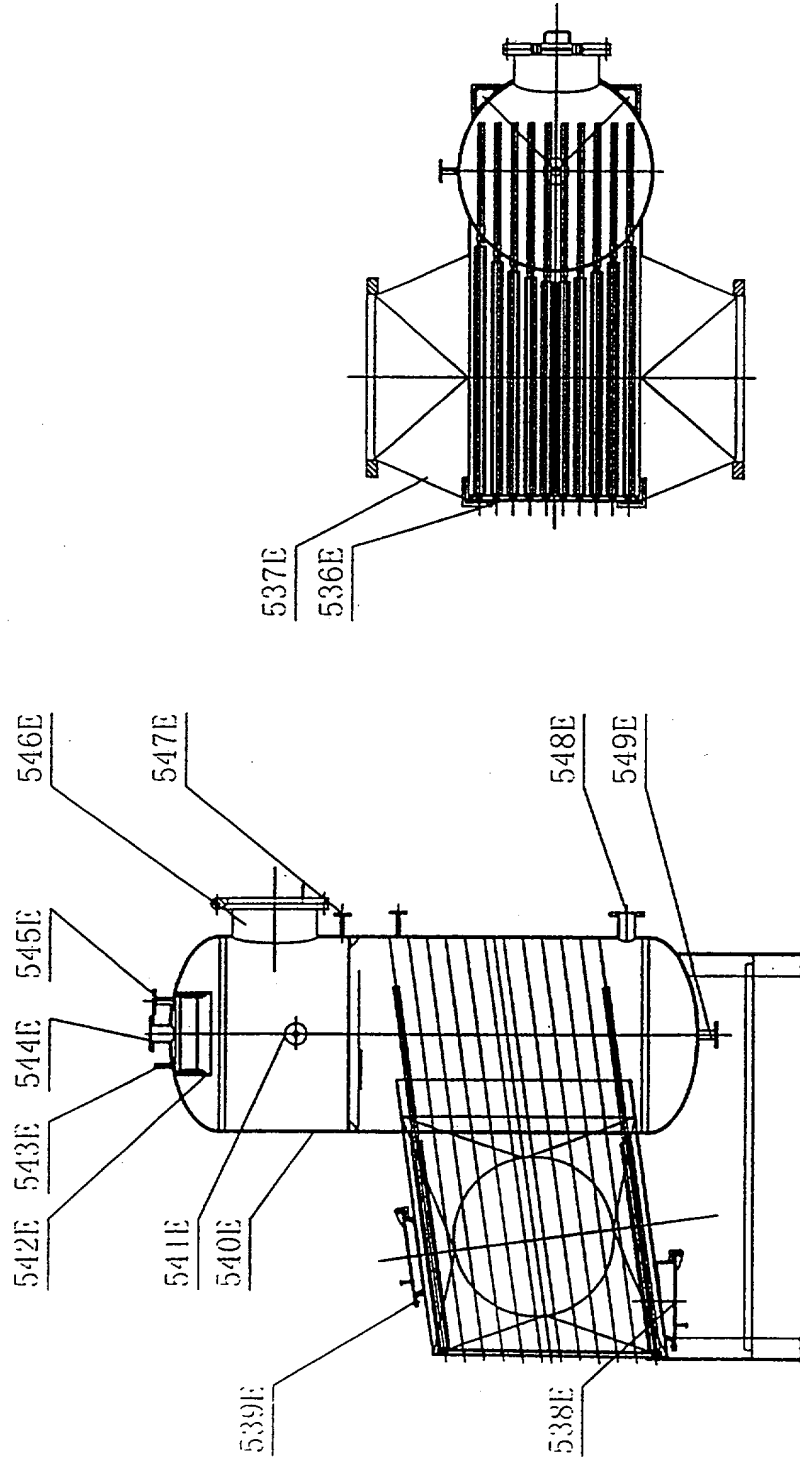


Fig. 51E





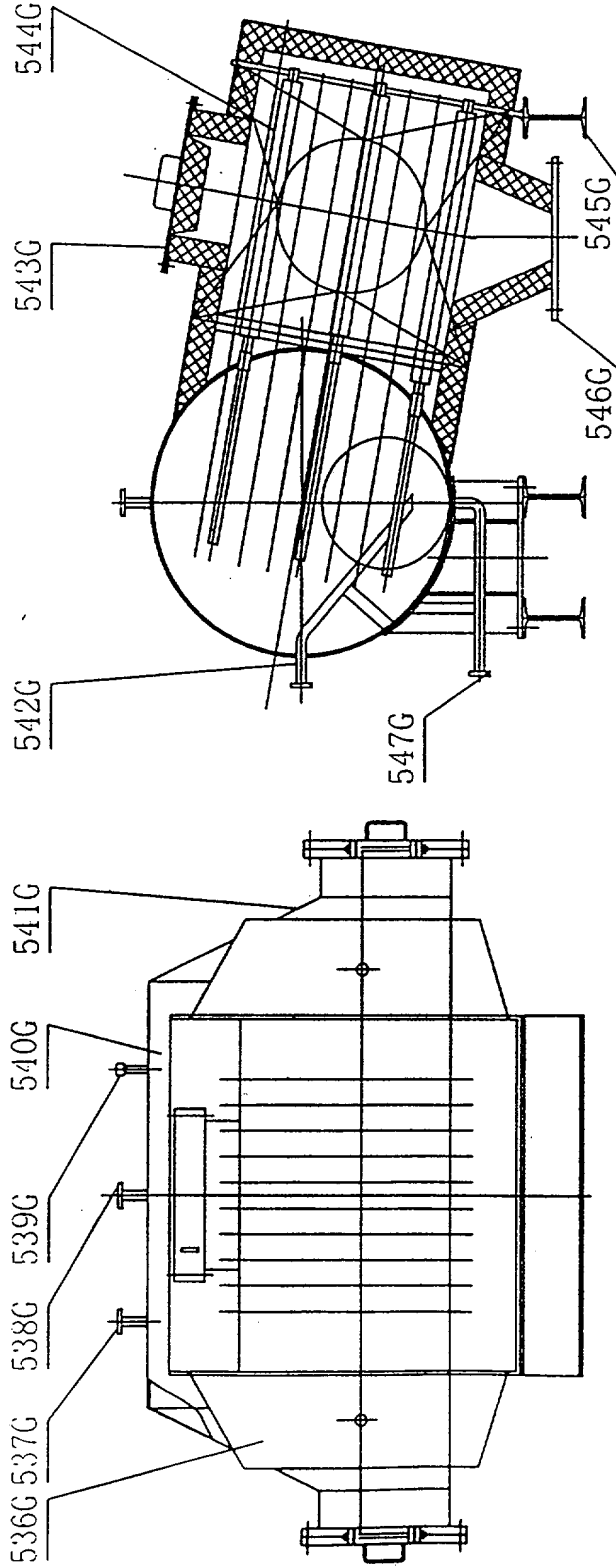


Fig. 51G

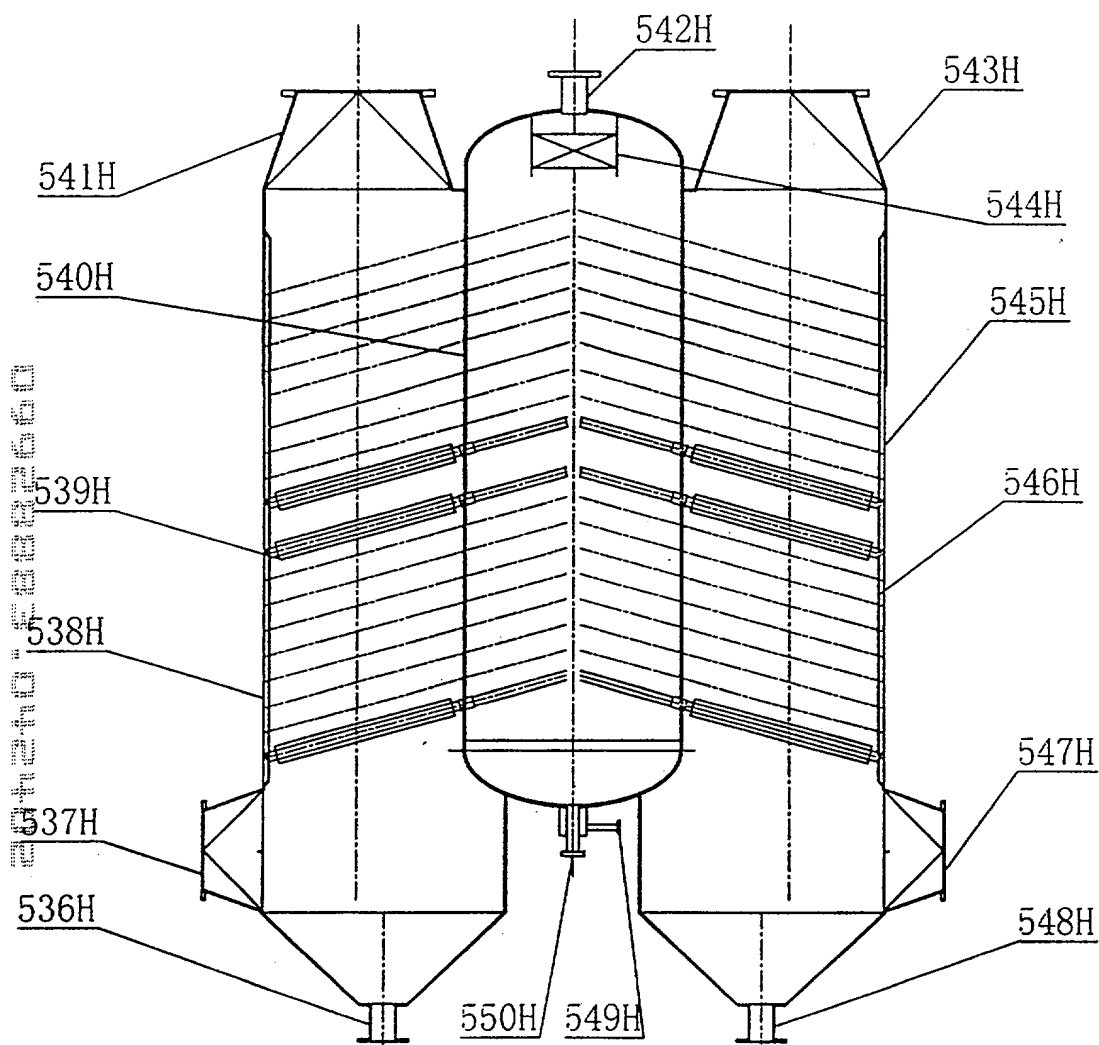


Fig. 5IH

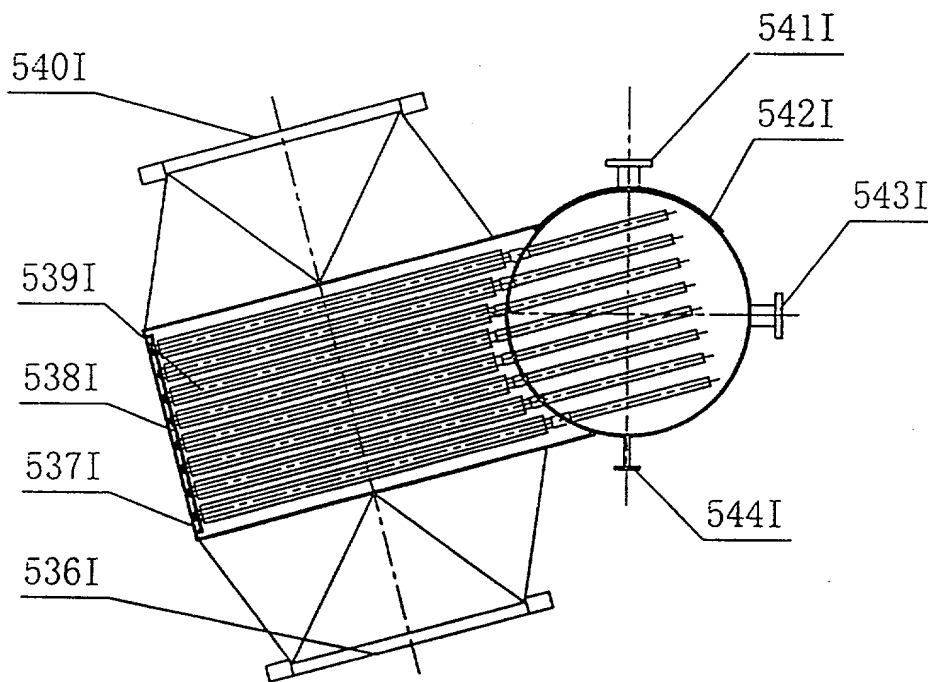


Fig. 5II

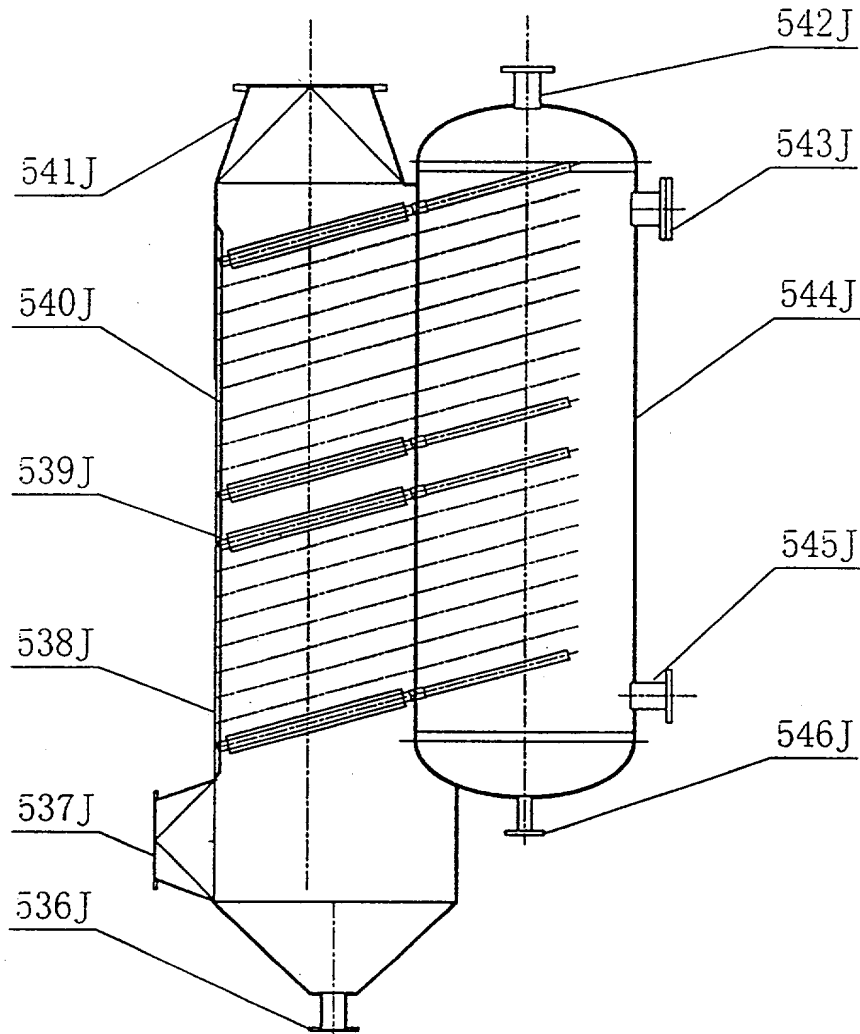


Fig. 5[J]

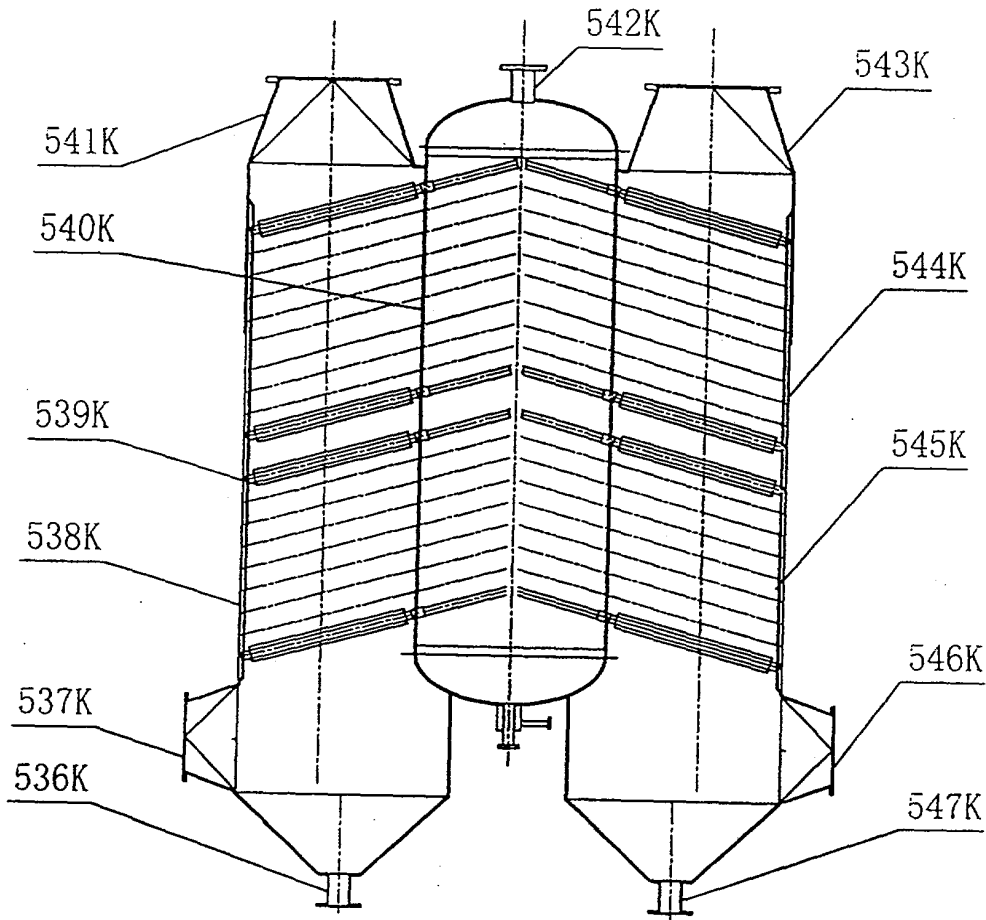


Fig. 5IK

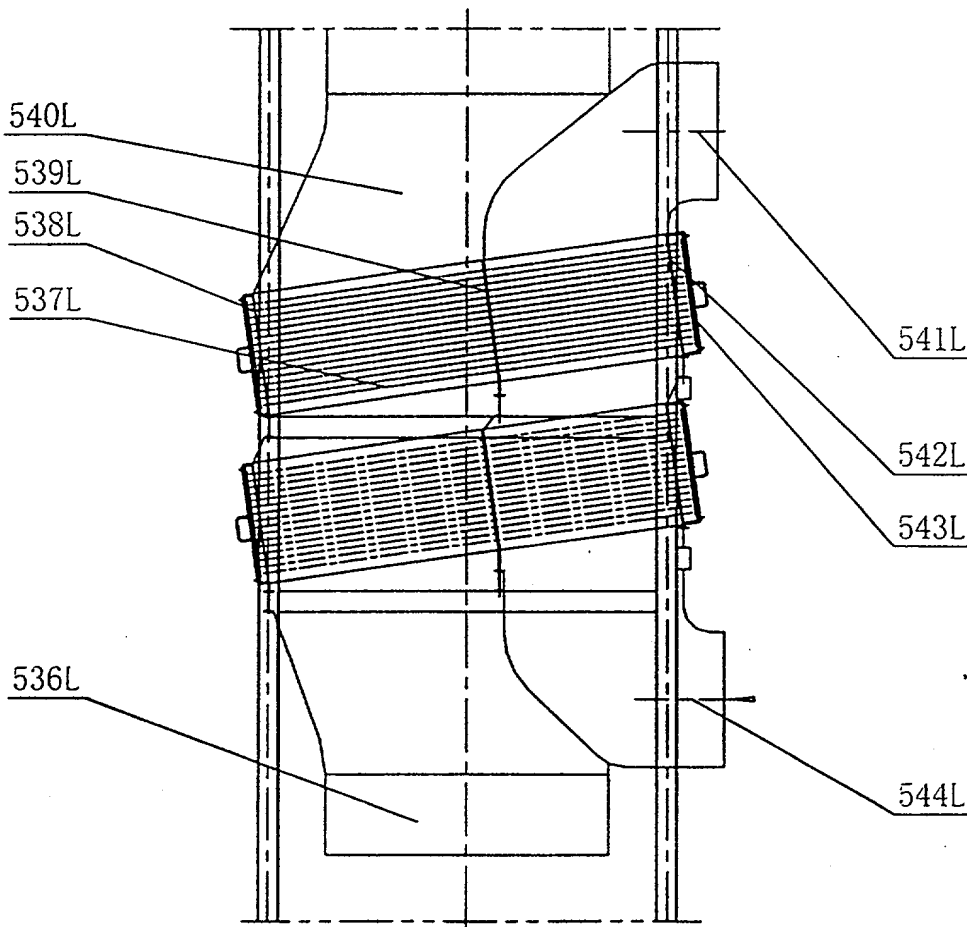


Fig. 5IL

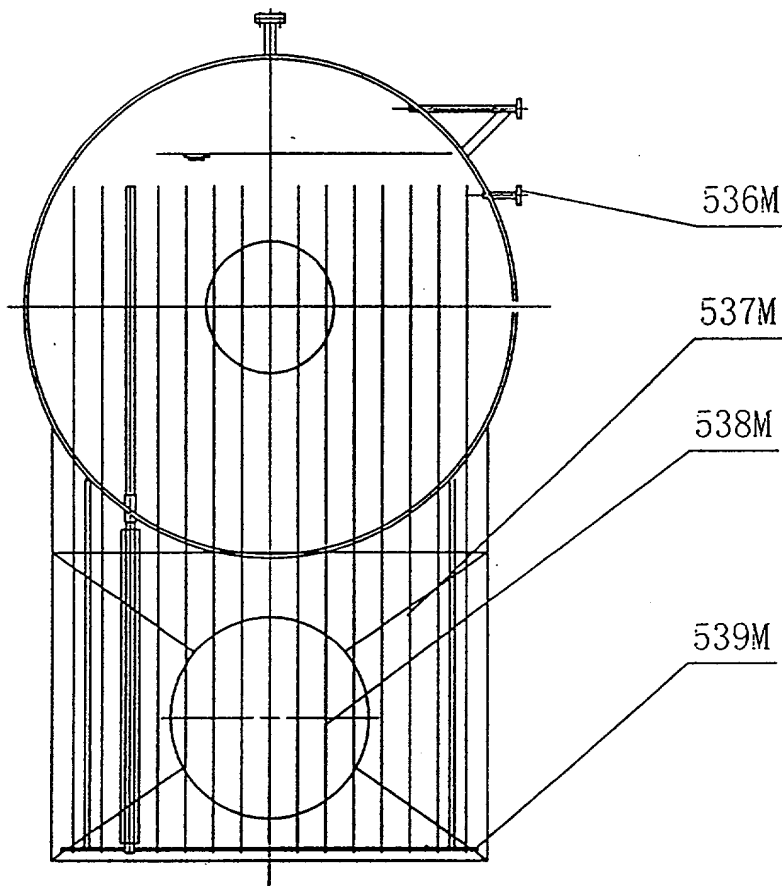


Fig. 5IM

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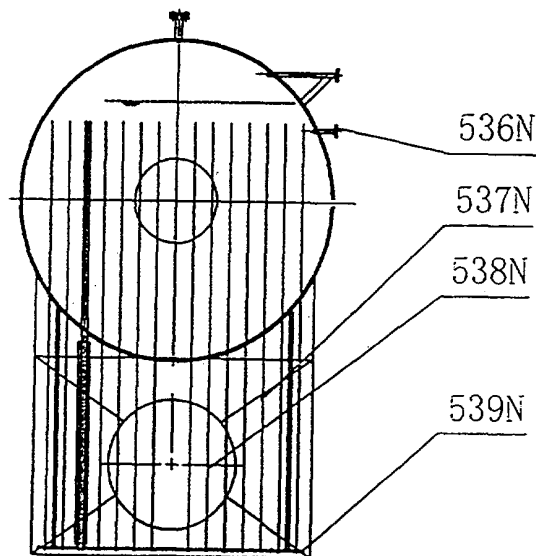


Fig. 5IN

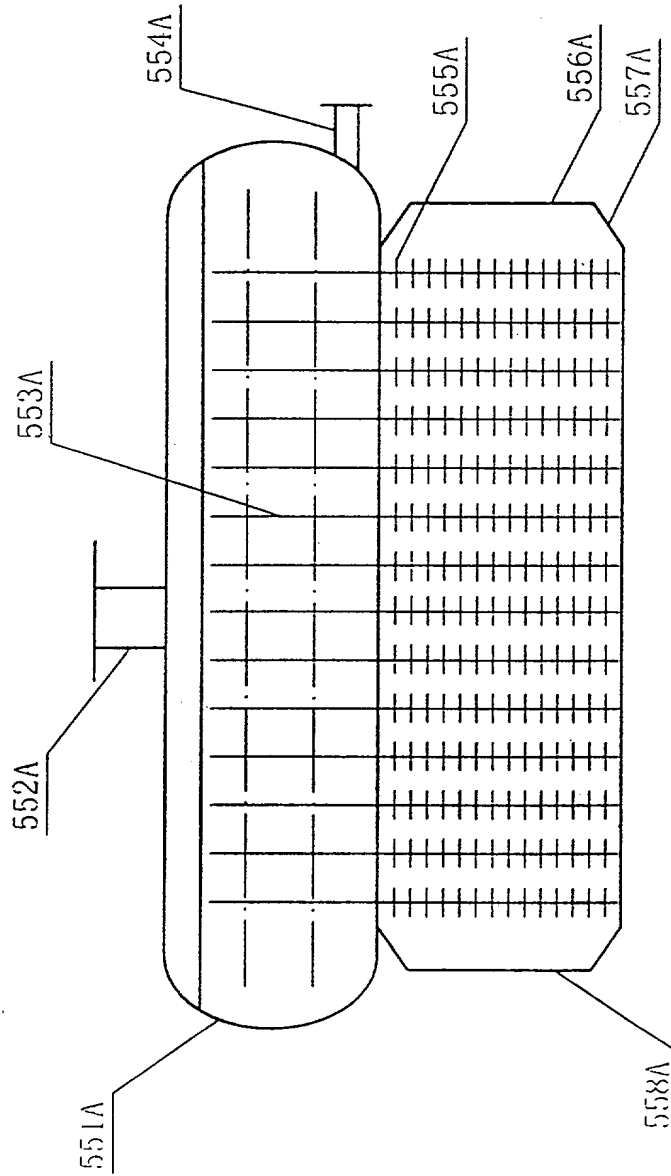


Fig. 5JA

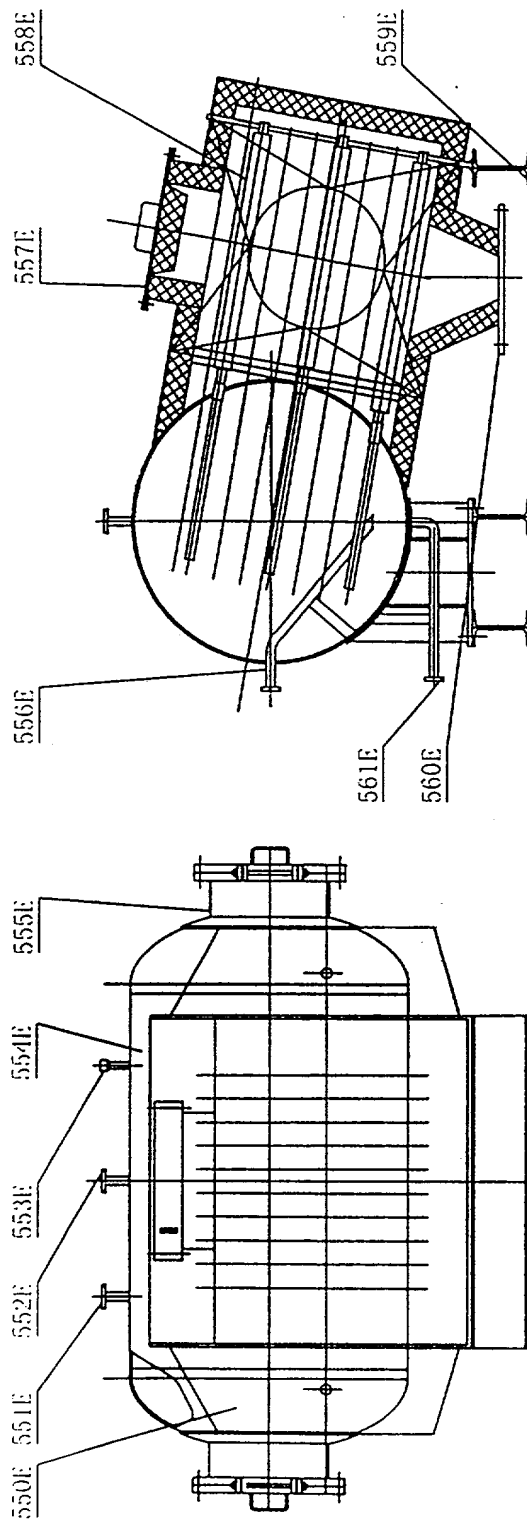


Fig. 5JE

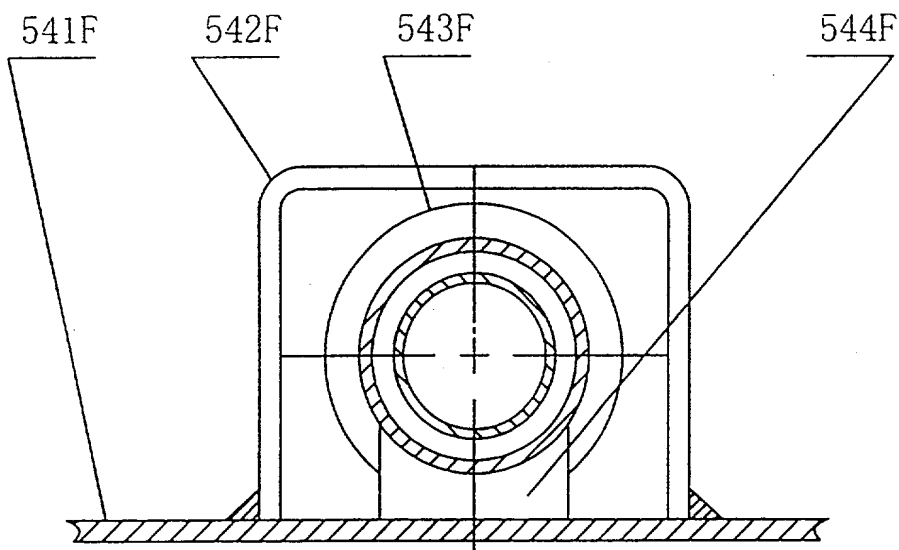


Fig. 5JF

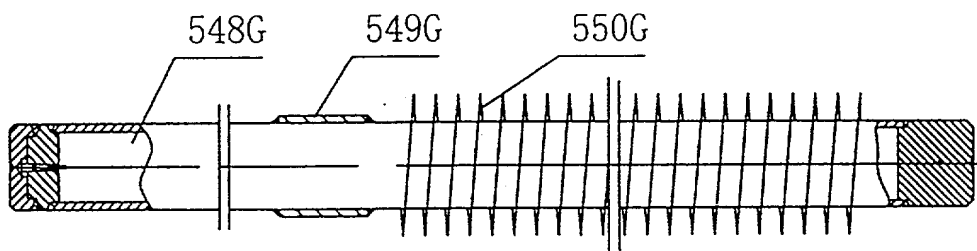


Fig. 5JG

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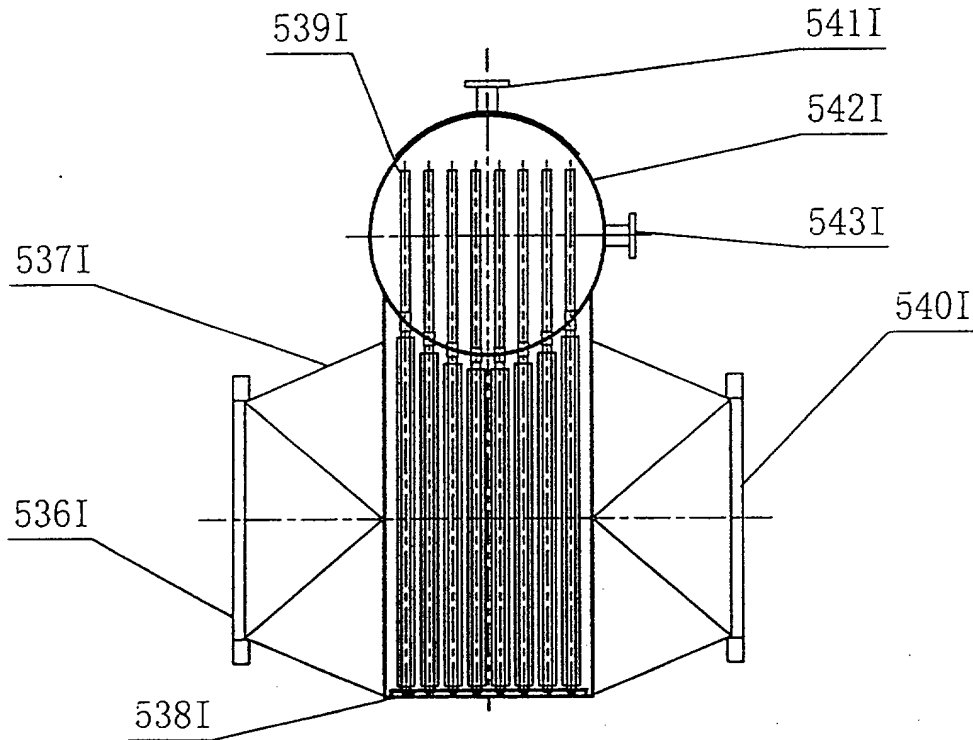


Fig. 5JI

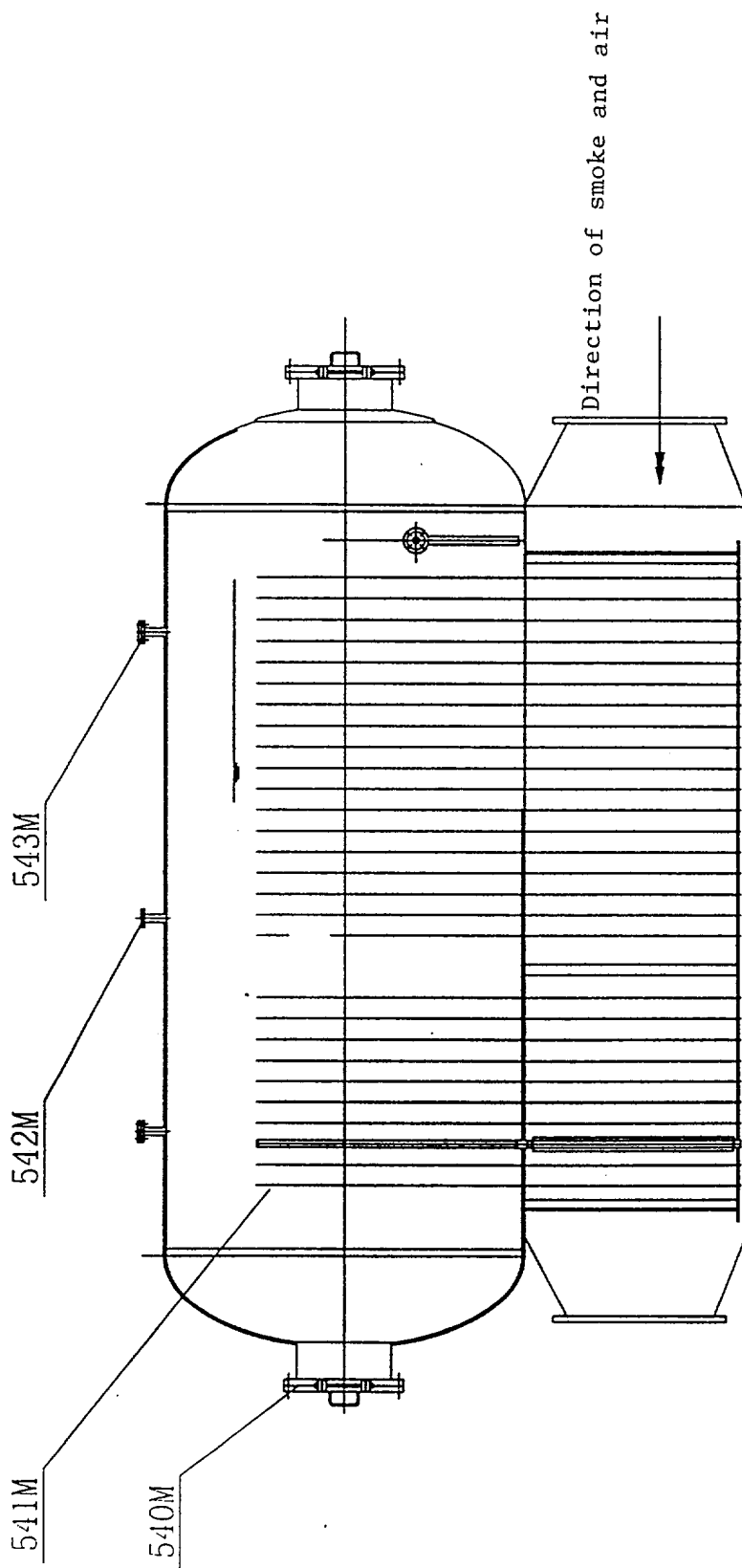


Fig. 5JM

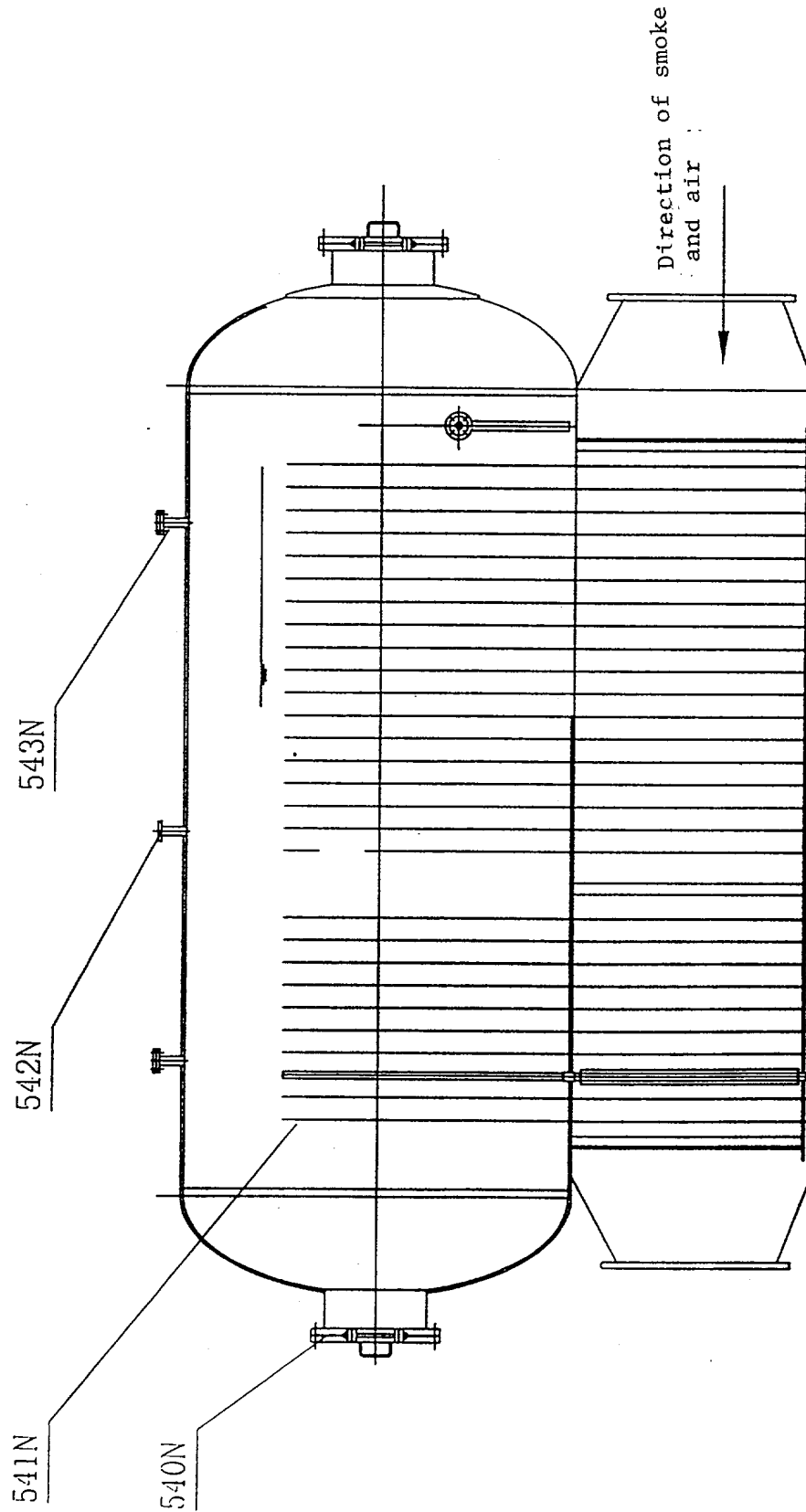


Fig. 5JN

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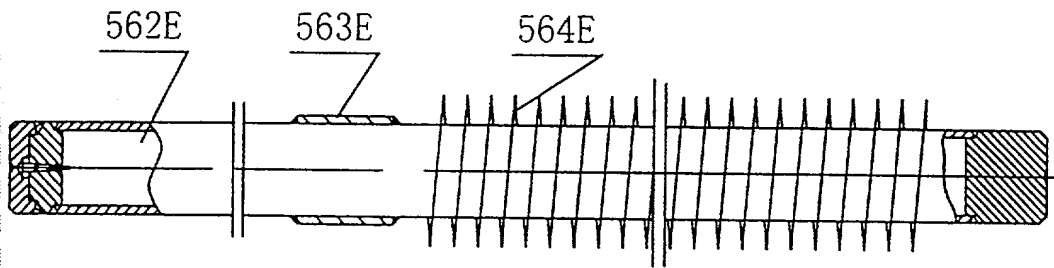


Fig. 5KE

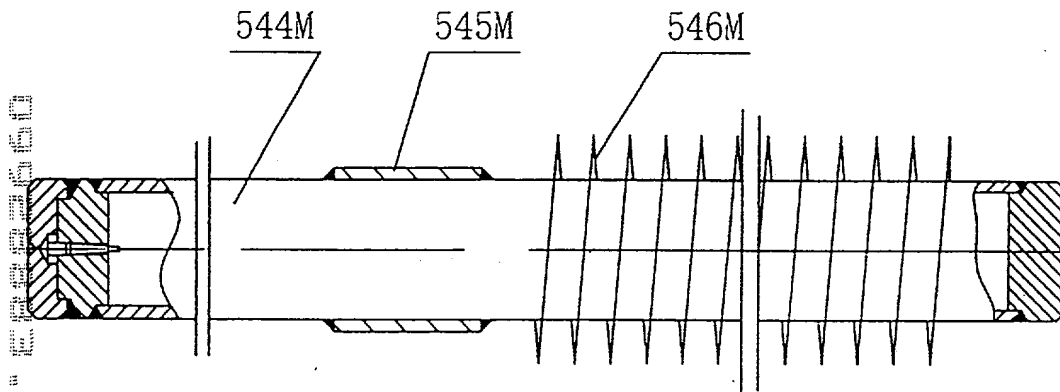


Fig. 5KM

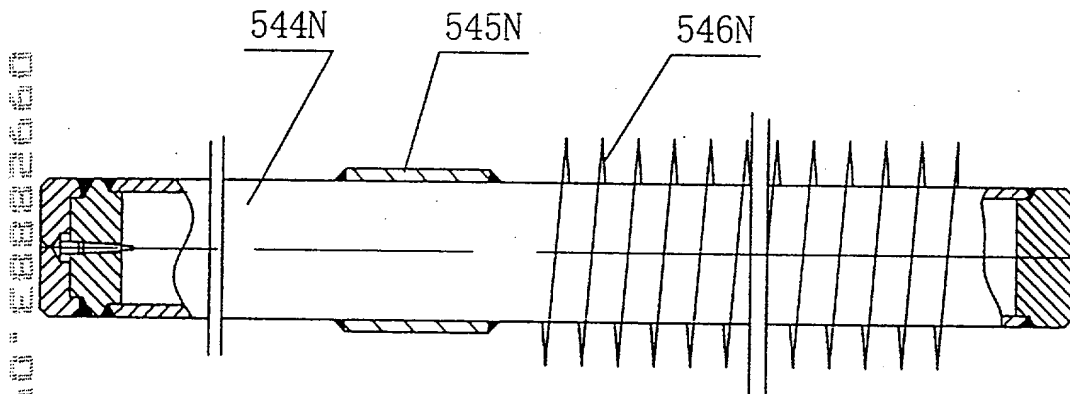


Fig. 5KN

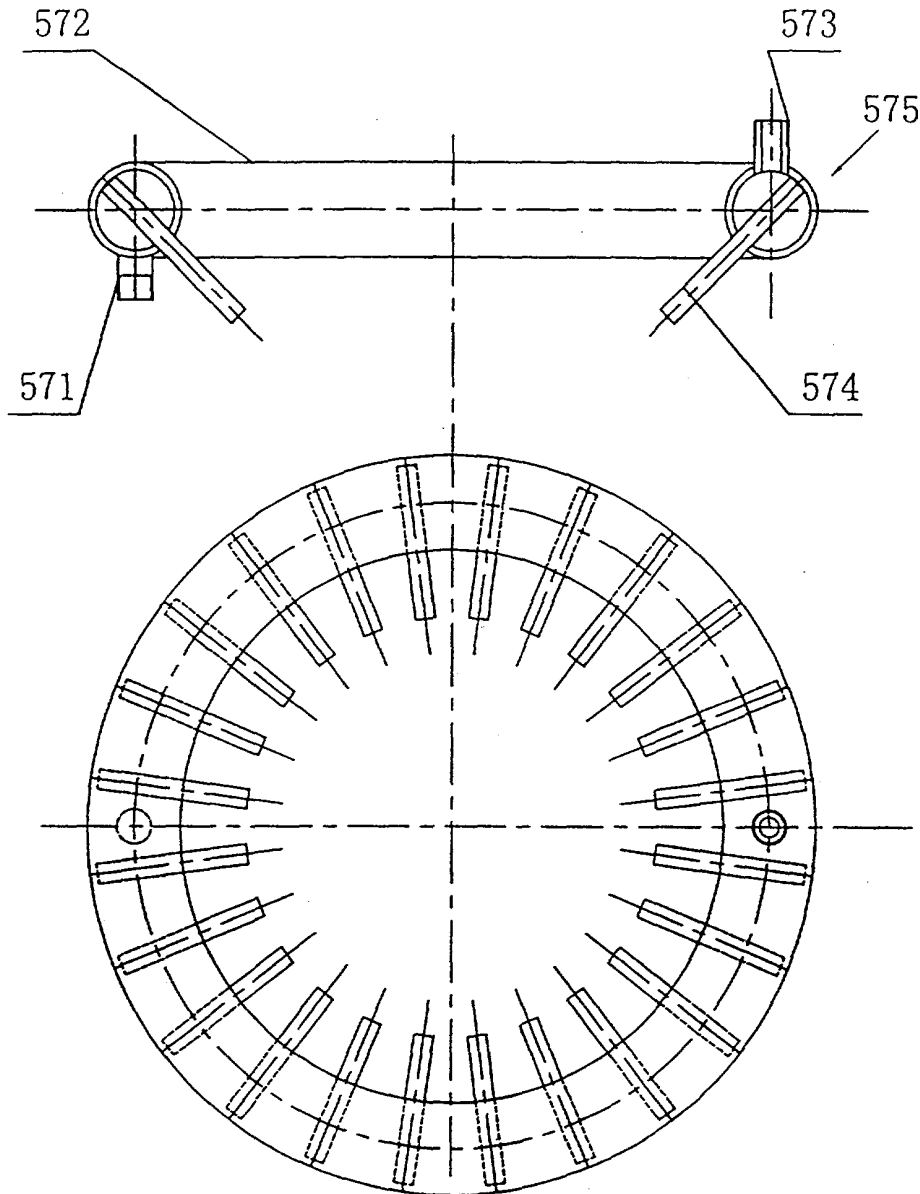


Fig. 5QA

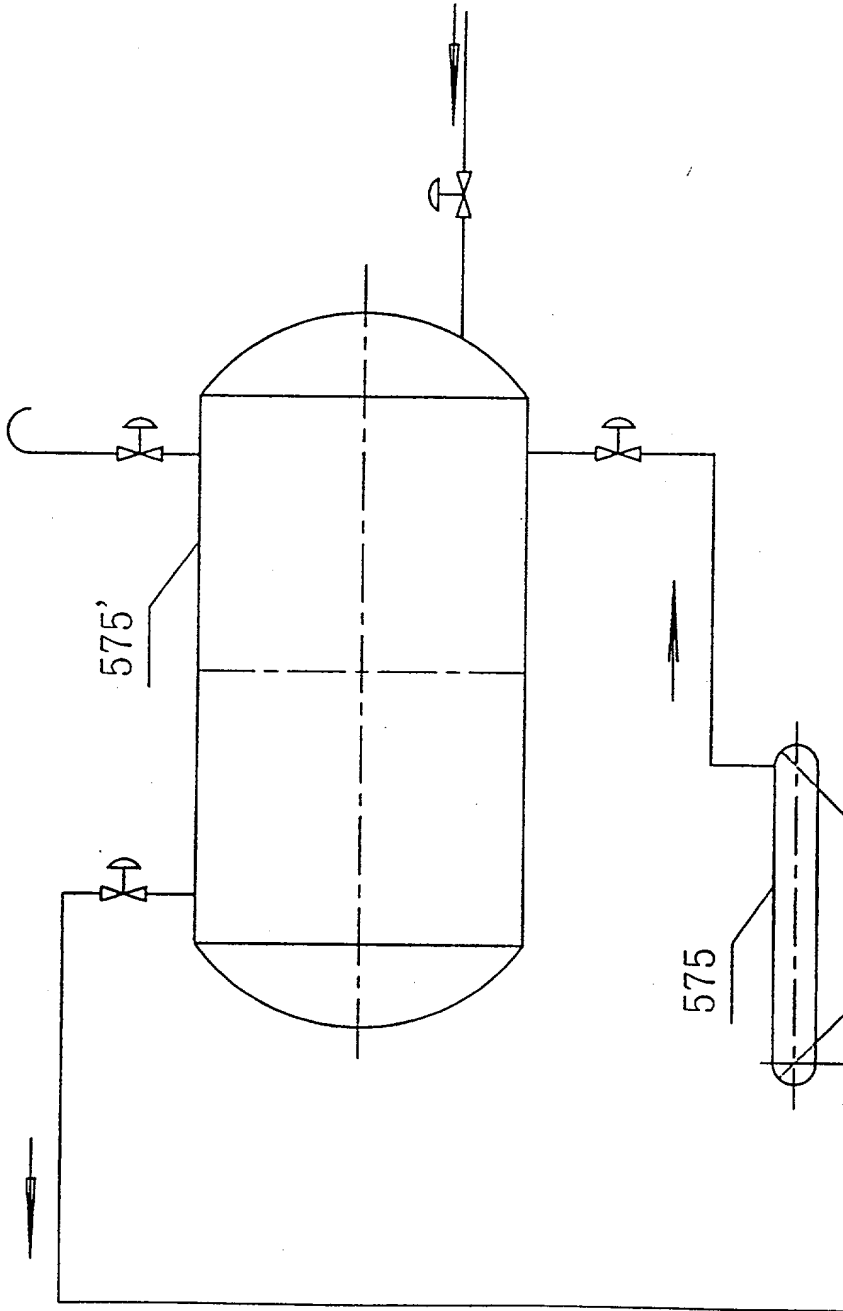


Fig. 5QB

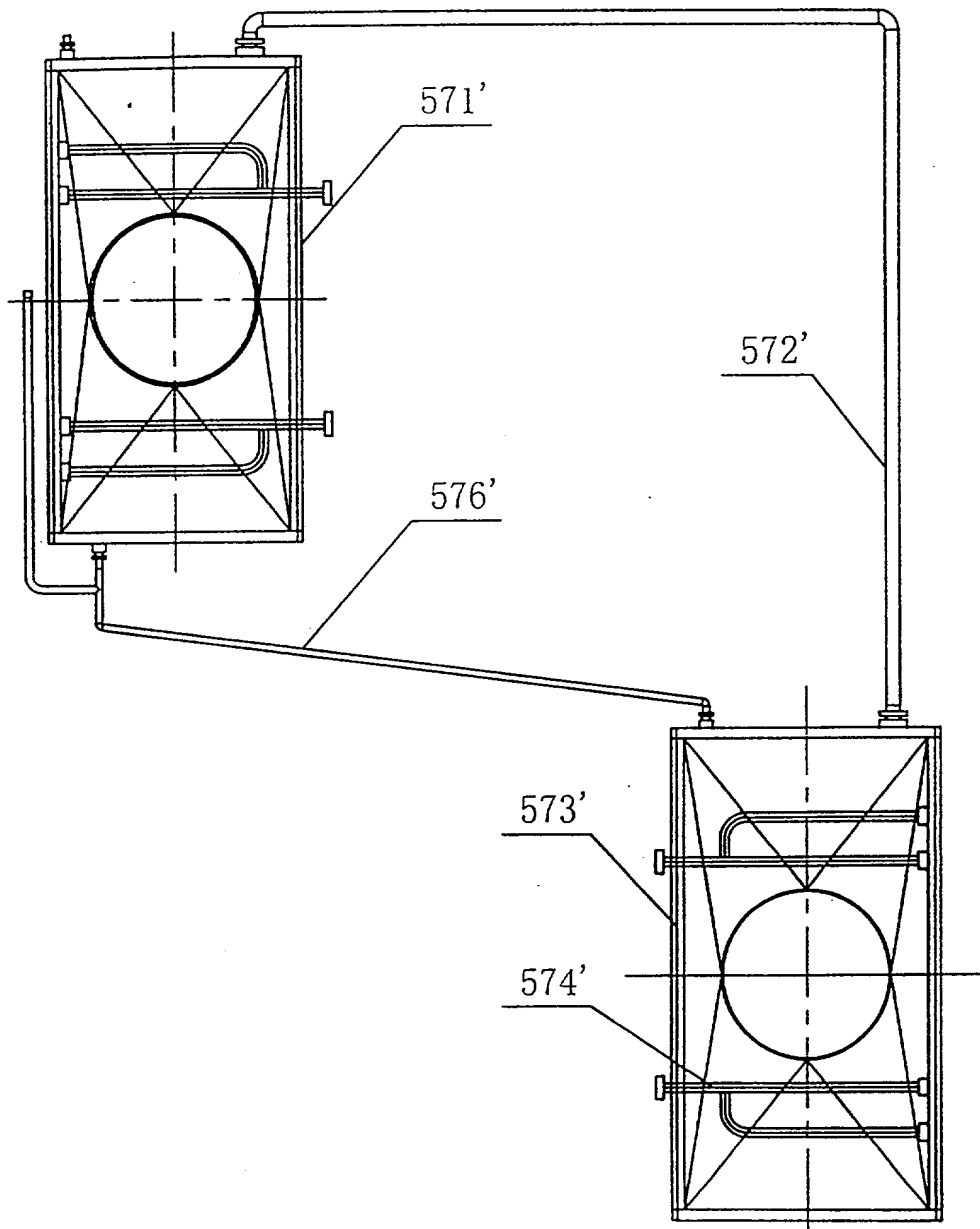


Fig. 5QC

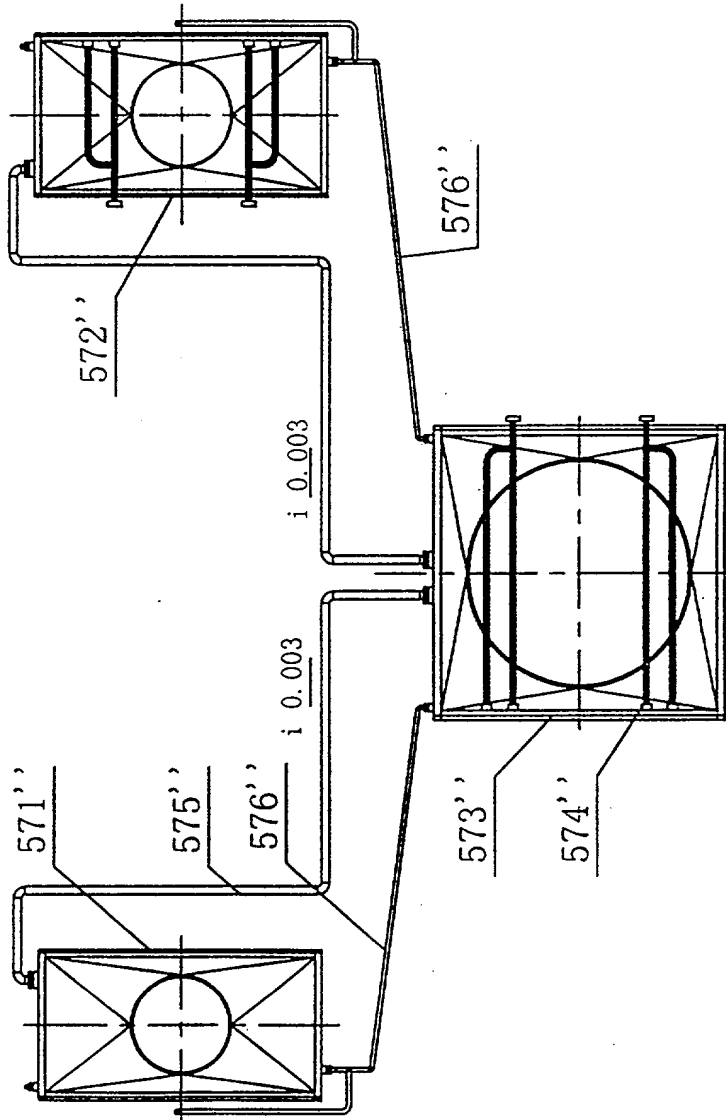


Fig. 5QD

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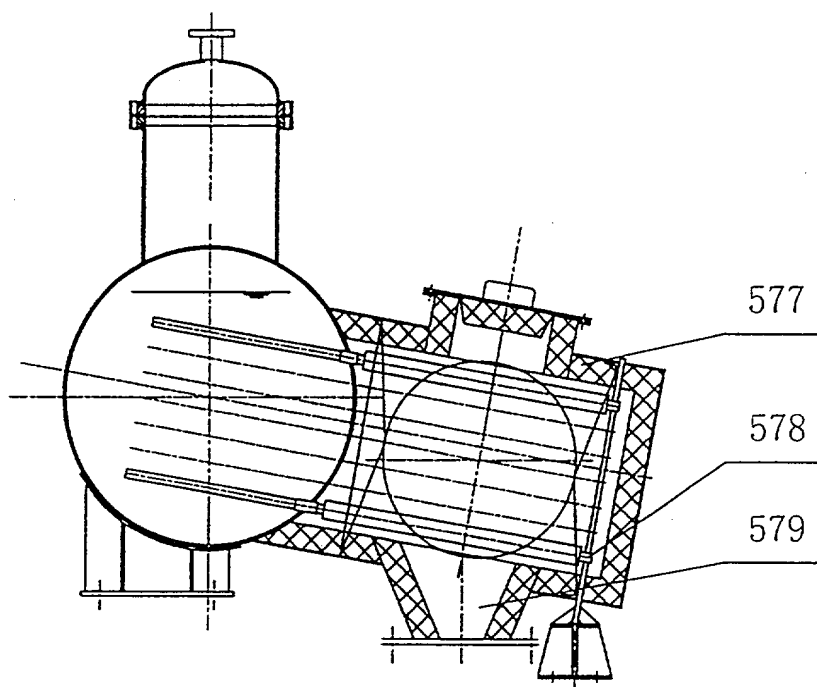


Fig. 5RA



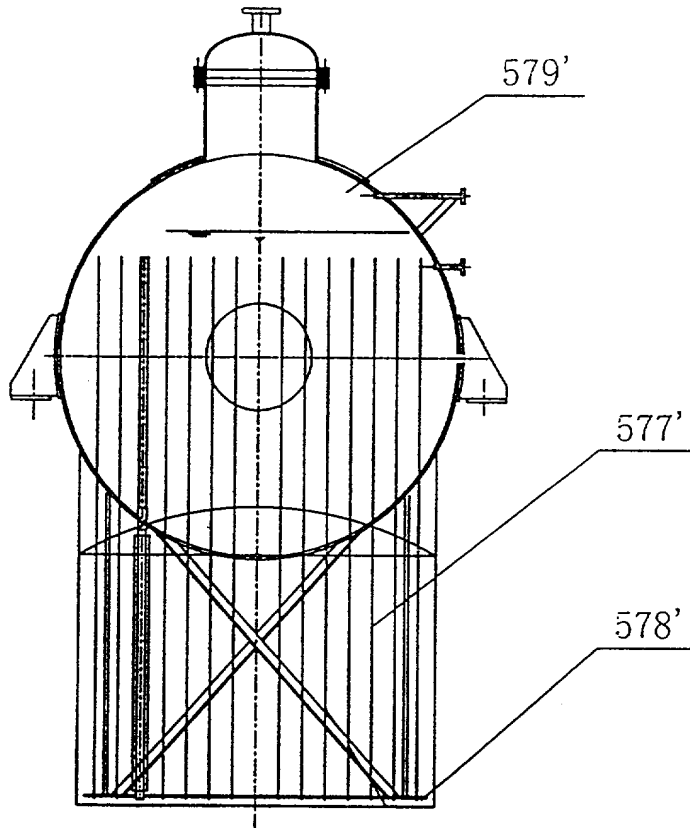


Fig. 5RB

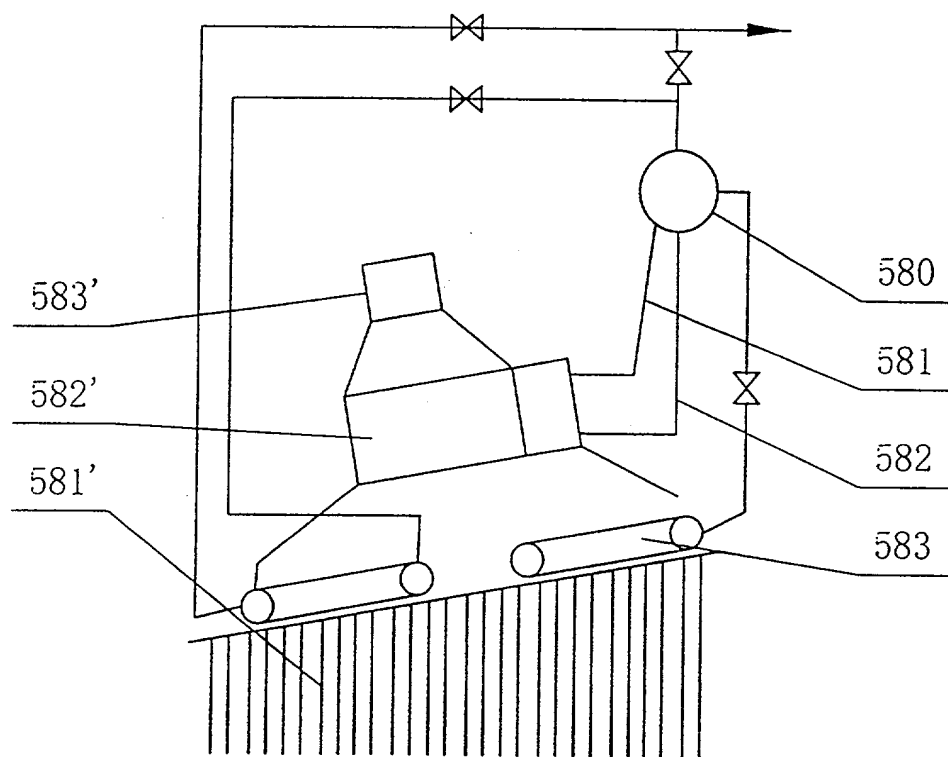


Fig. 5RC

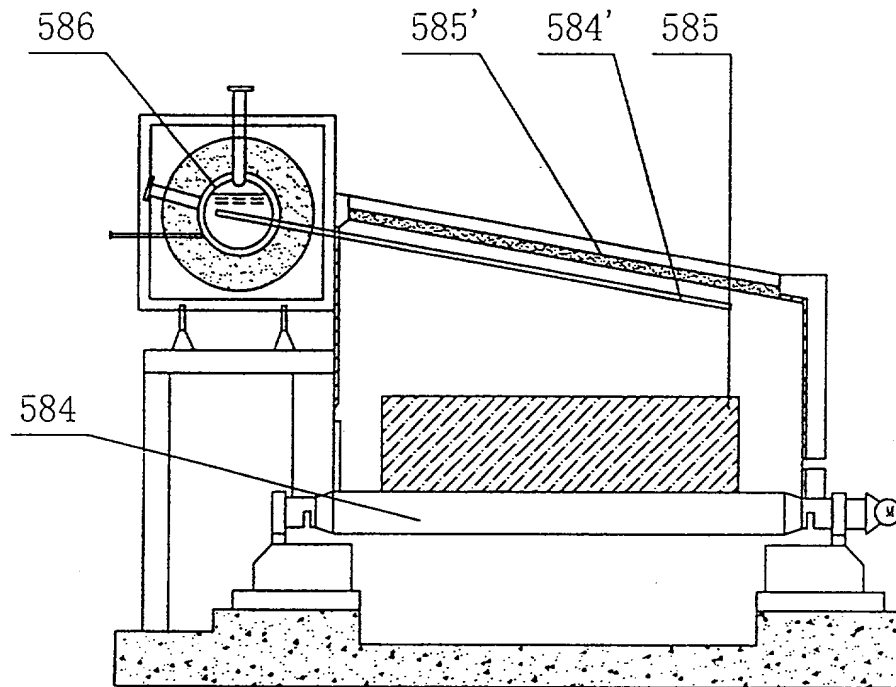
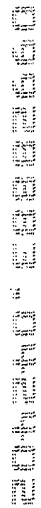


Fig. 5S

[illegible]

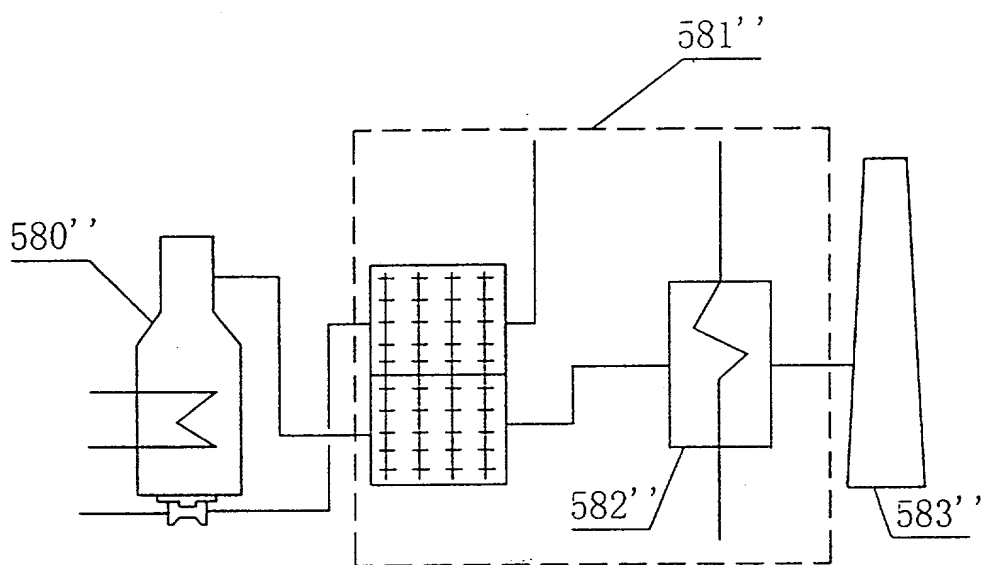


Fig. 5UA

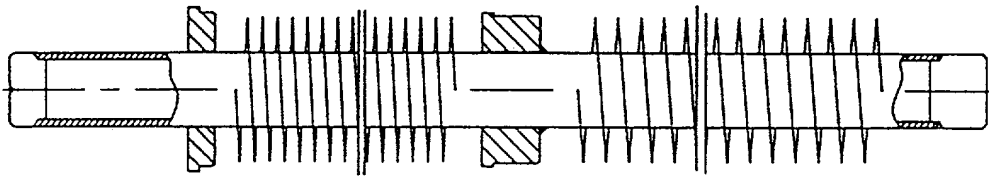


Fig. 5UB

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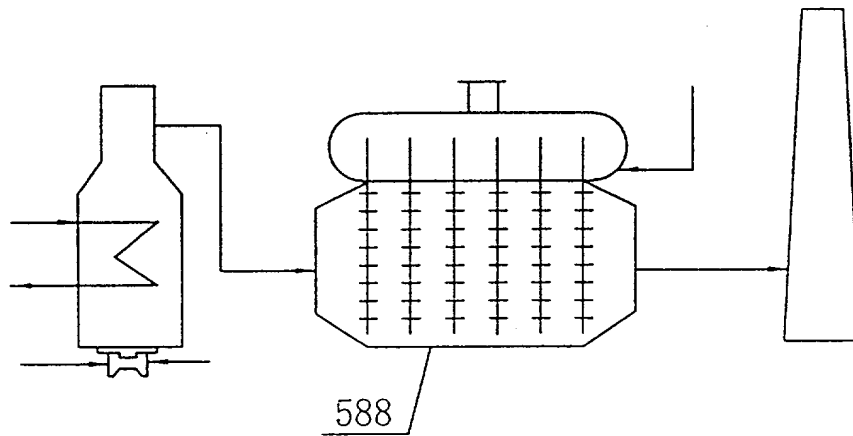


Fig. 5V

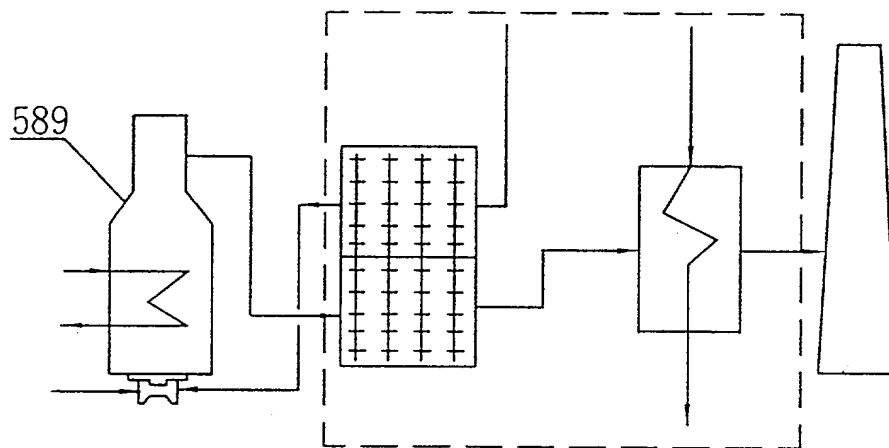


Fig. 5W



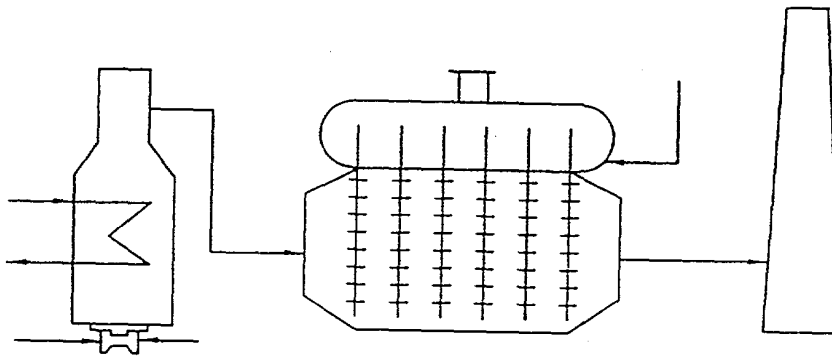


Fig. 5X

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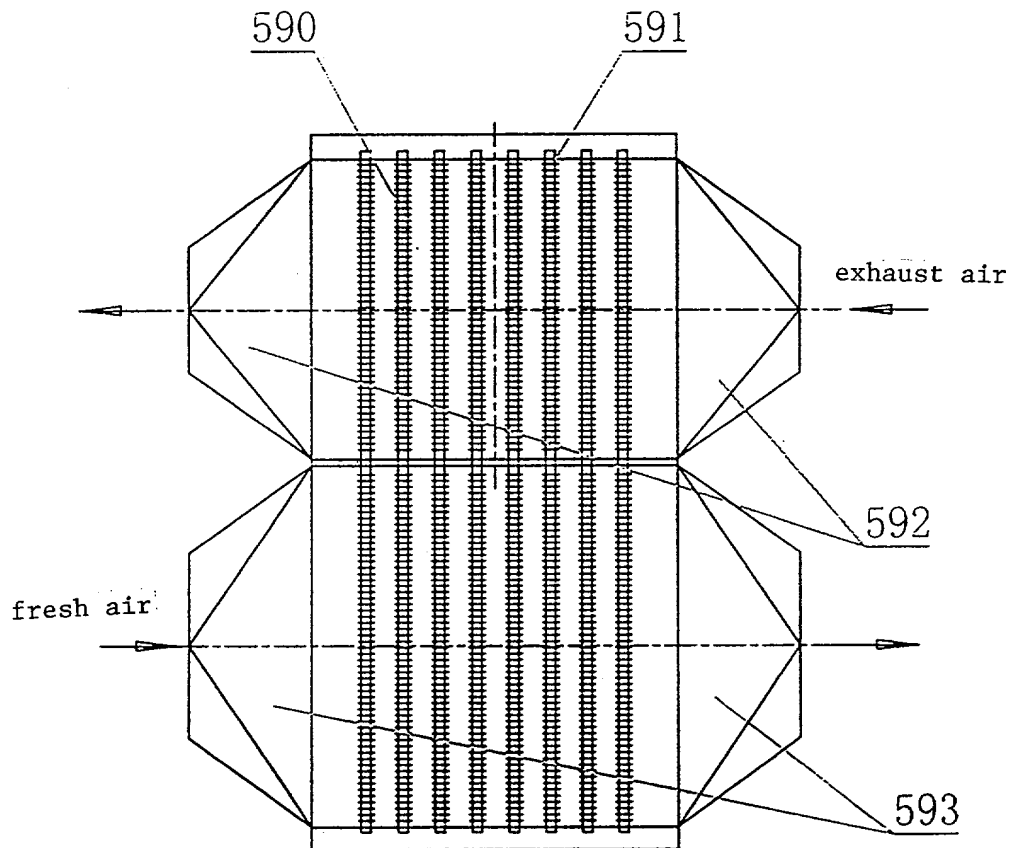


Fig. 5Y

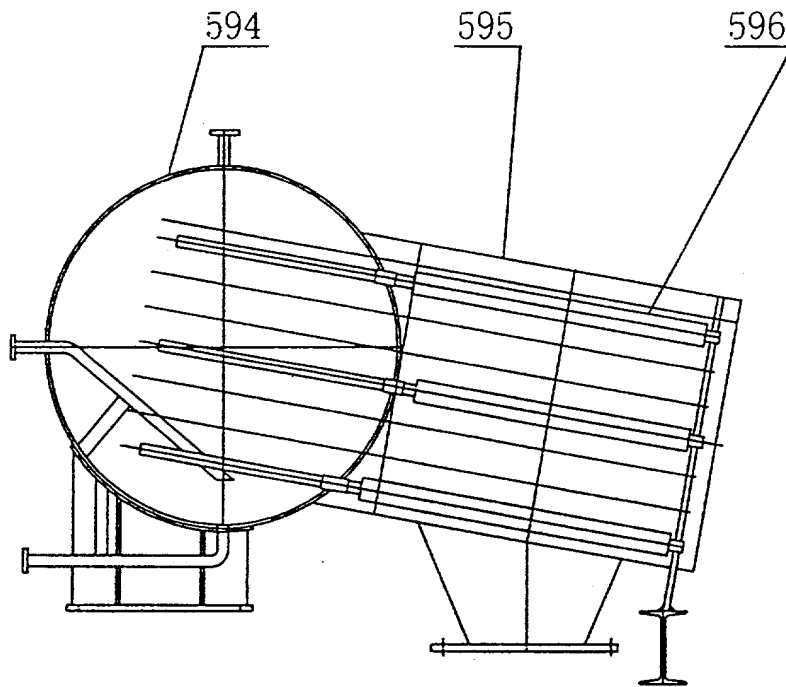


Fig. 5Z

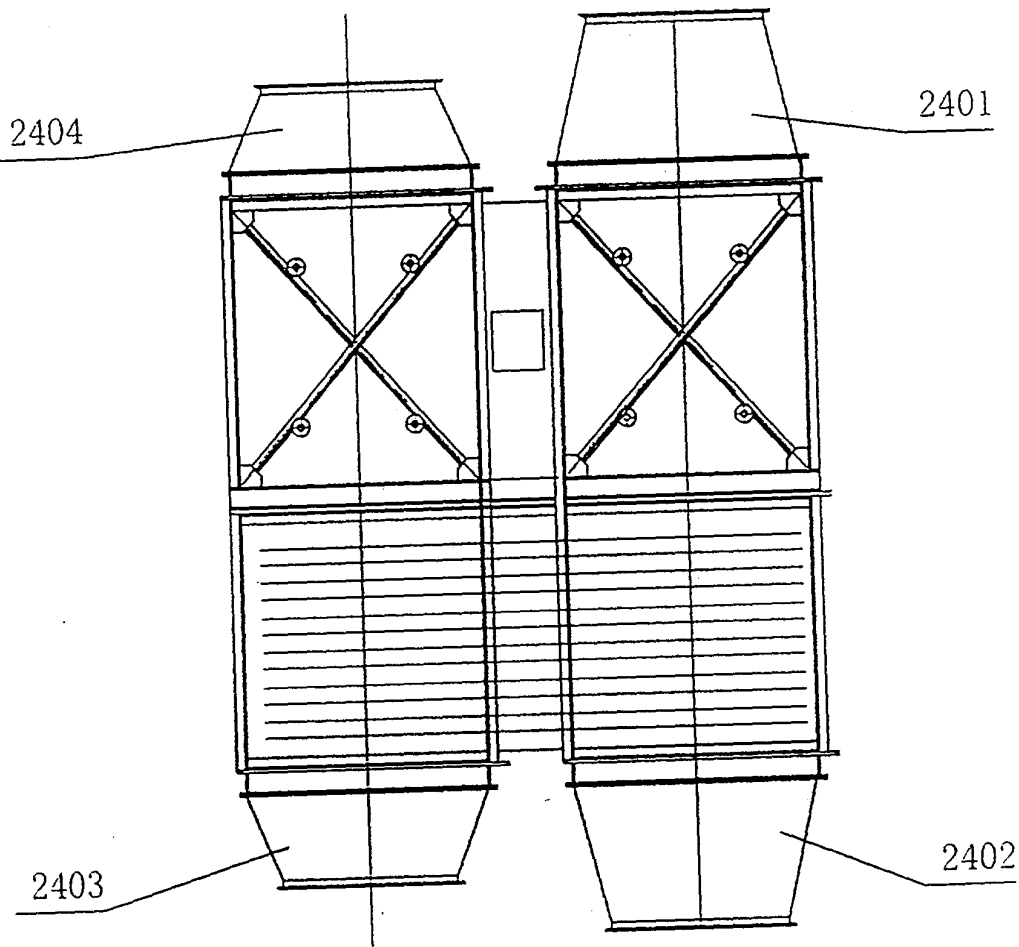


Fig. 5ZA

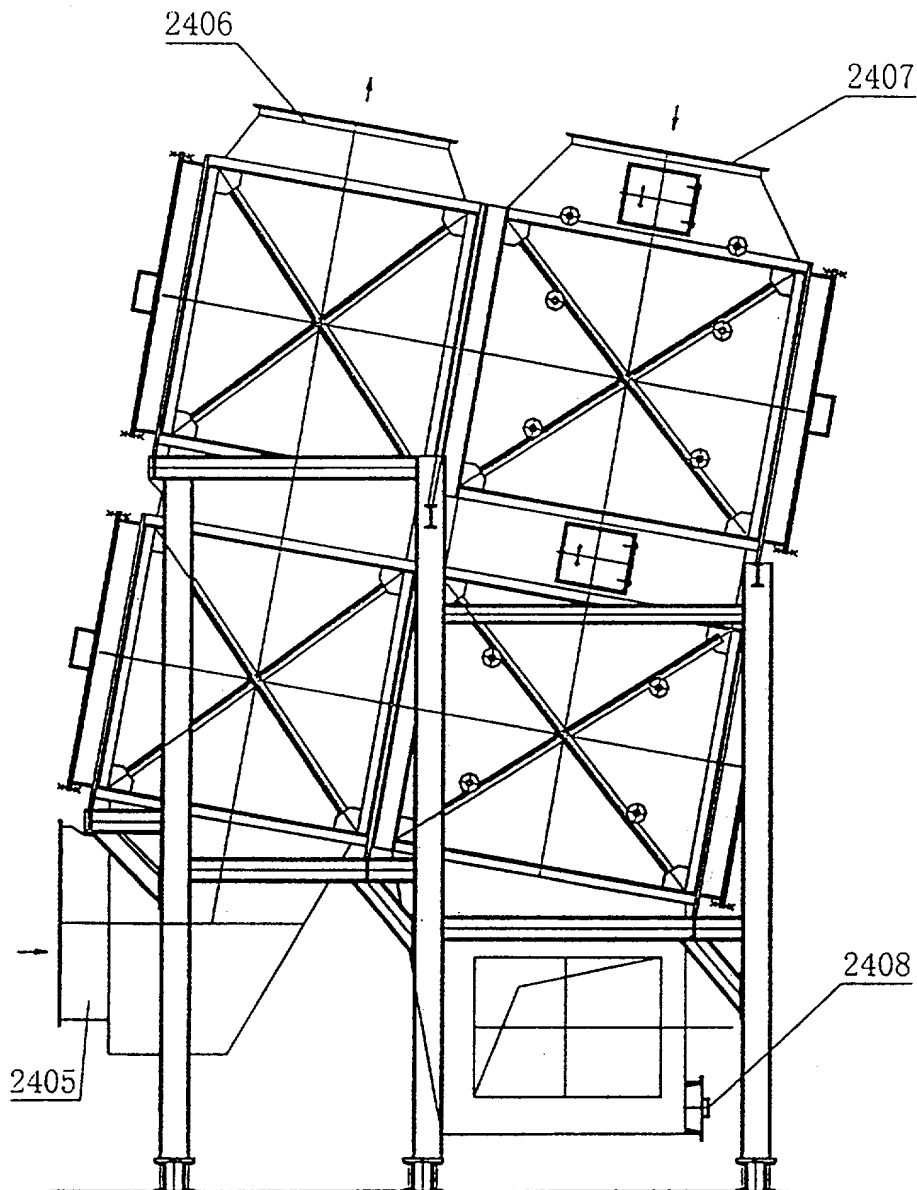


Fig. 52B

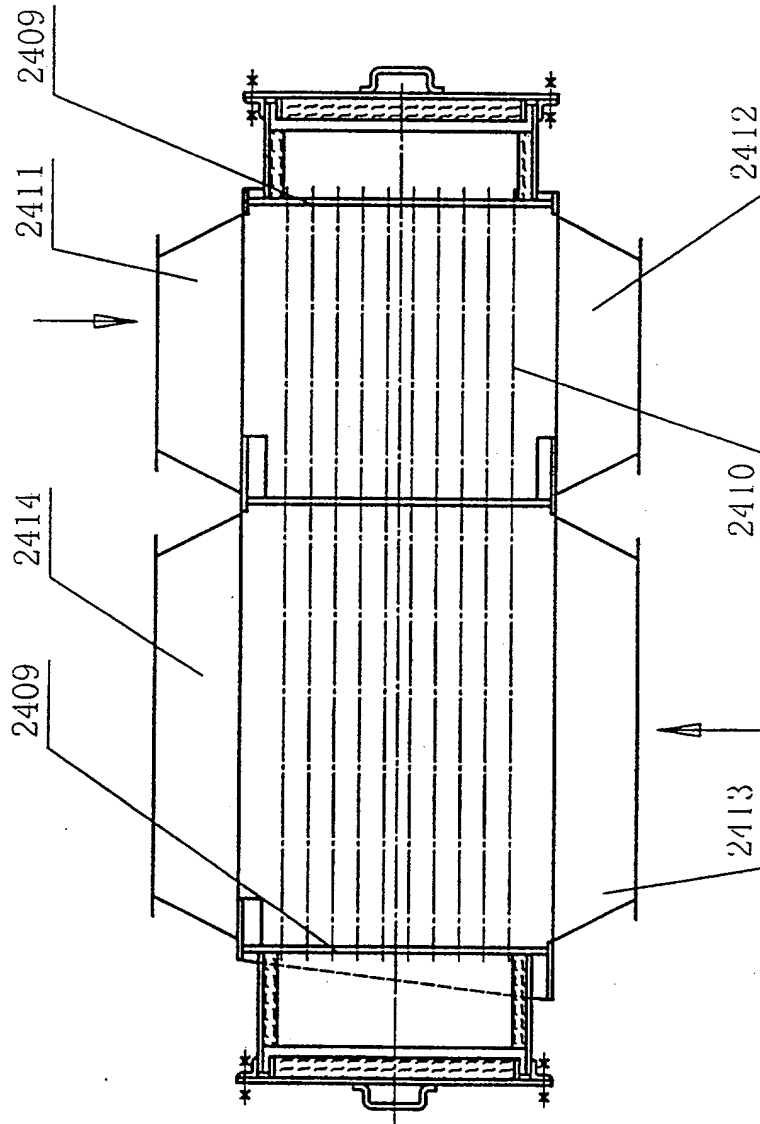


Fig. 5ZC

20140101 1000000000

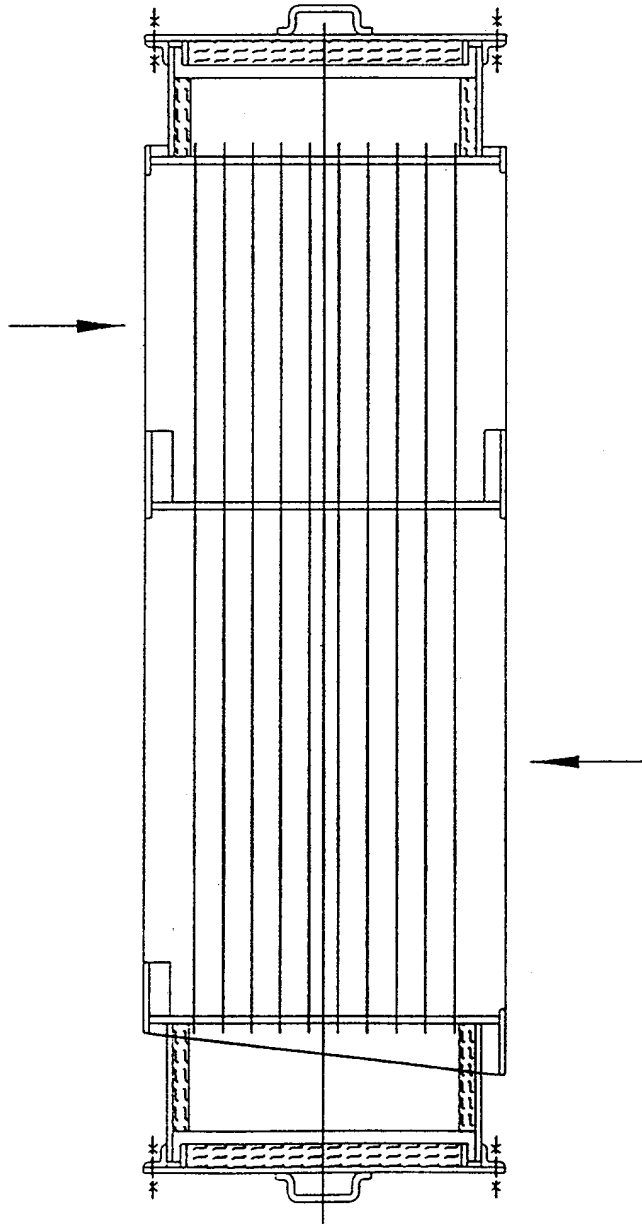


Fig. 5ZD

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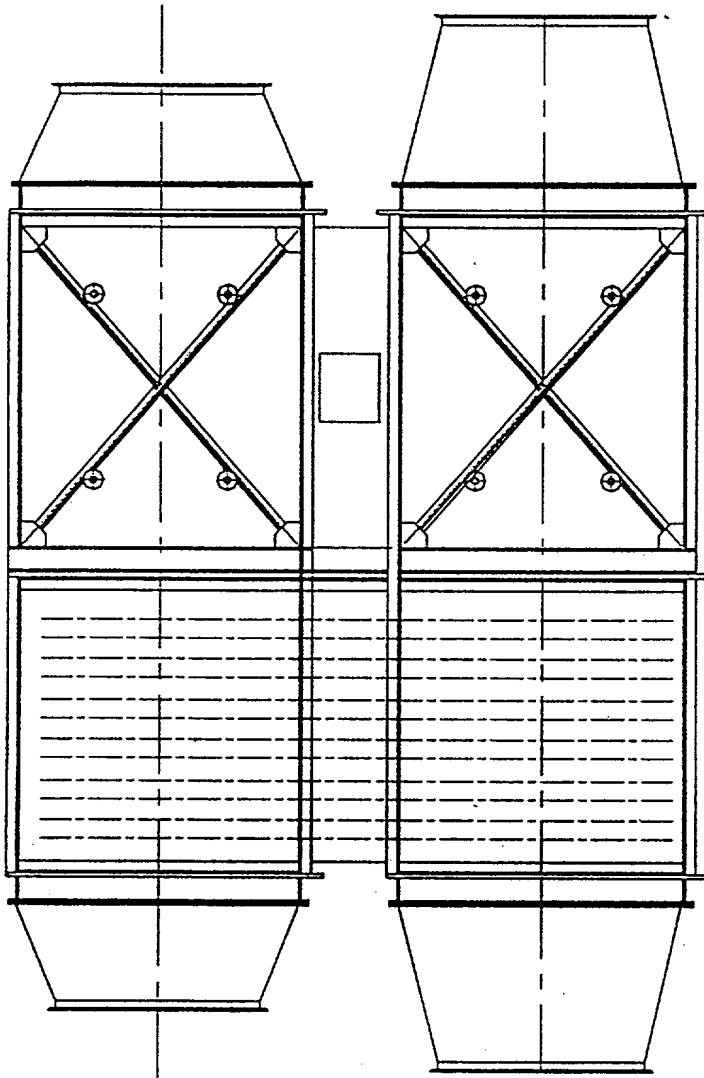


Fig. 5ZE



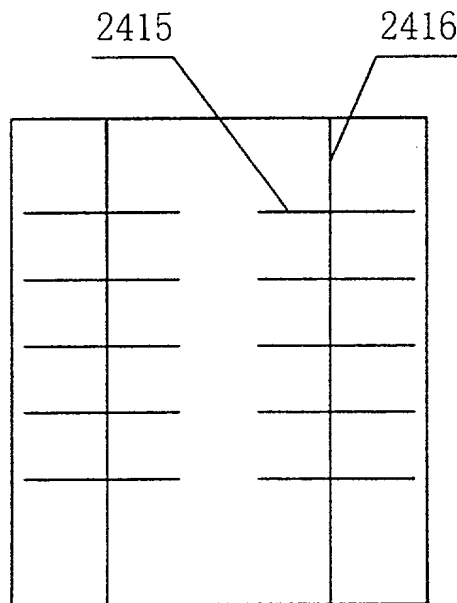


Fig. 5ZF

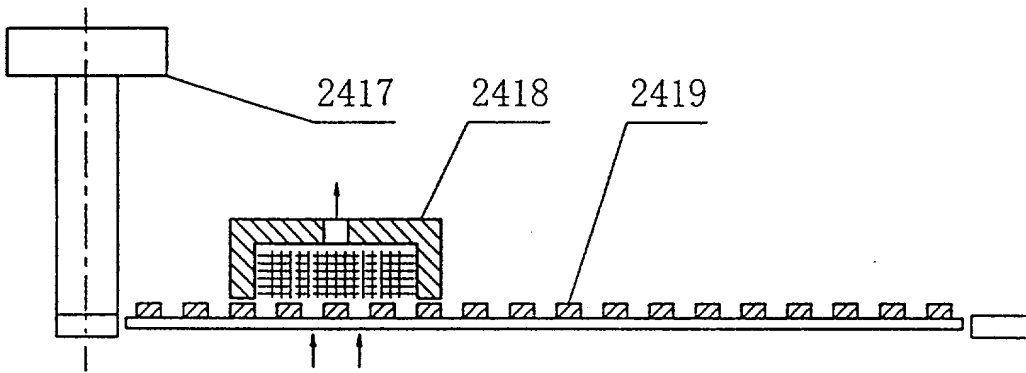
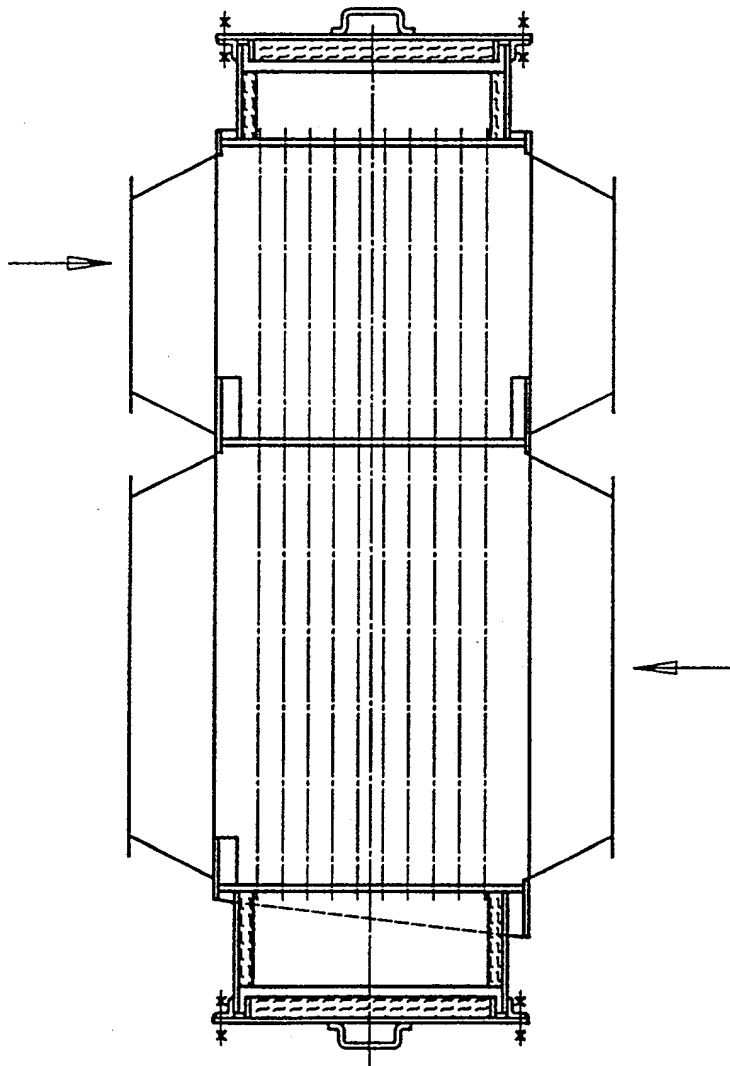


Fig. 5ZG



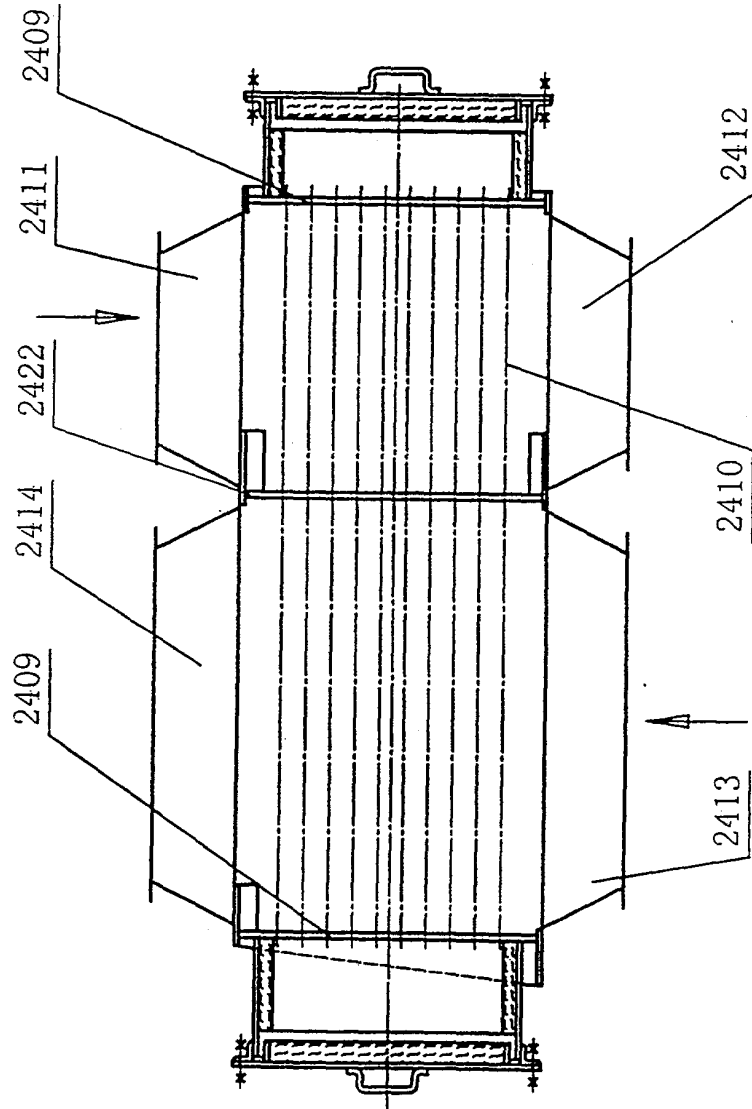


Fig. 5ZJ

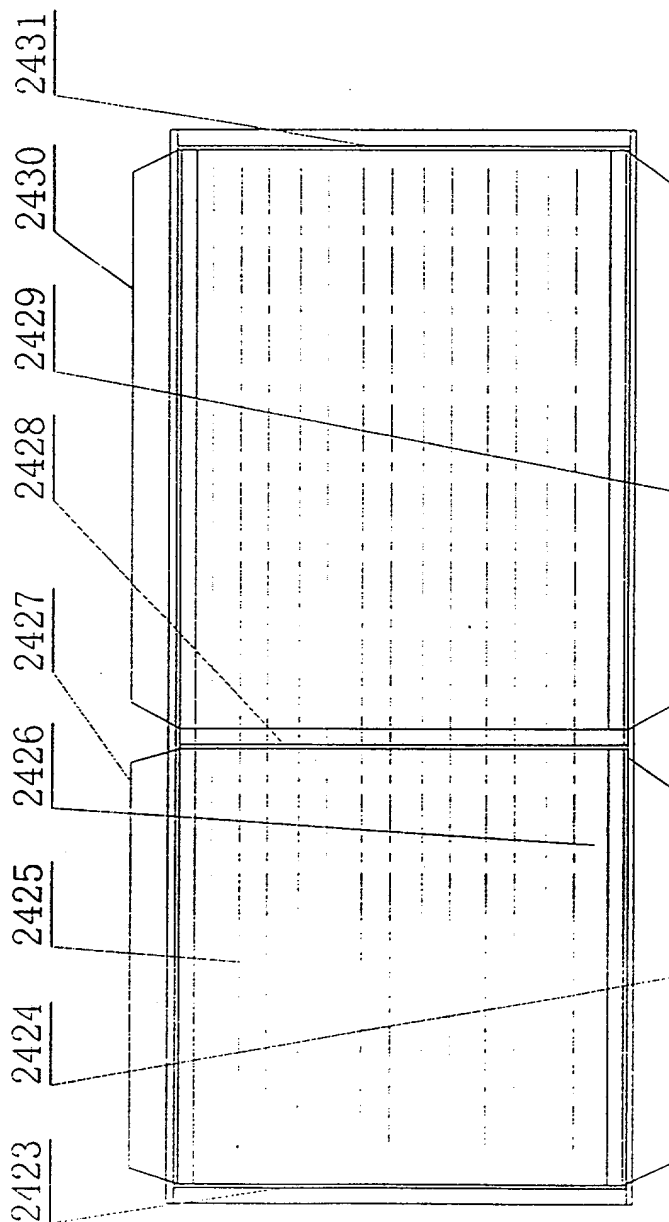


Fig. 5ZK

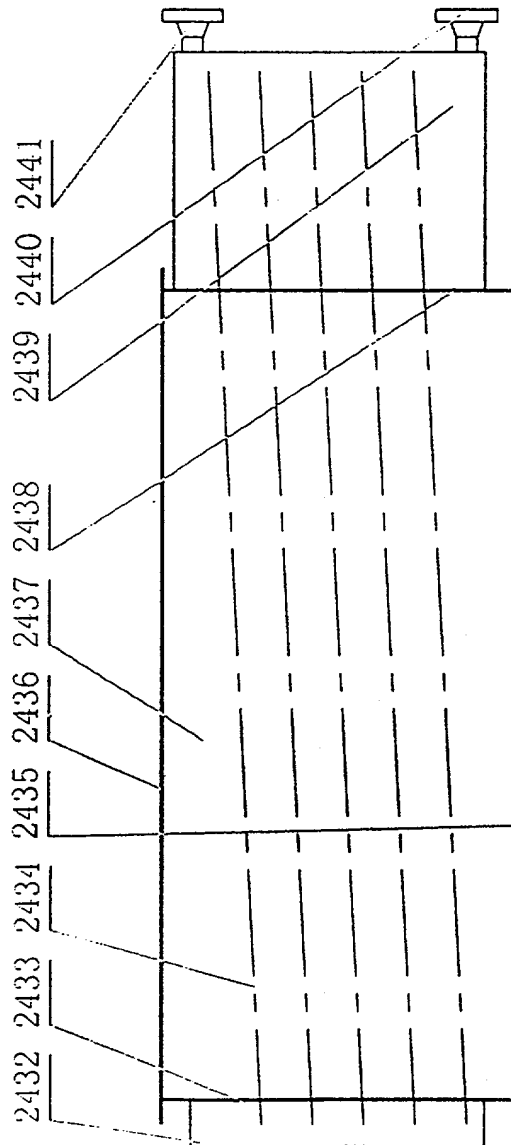


Fig. 5ZL

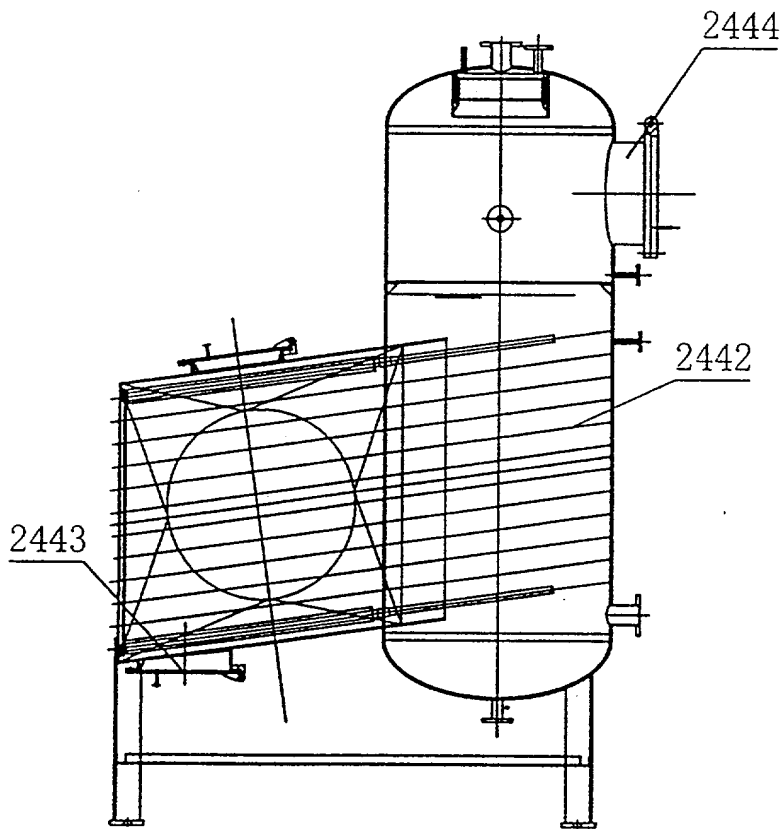


Fig. 5ZM

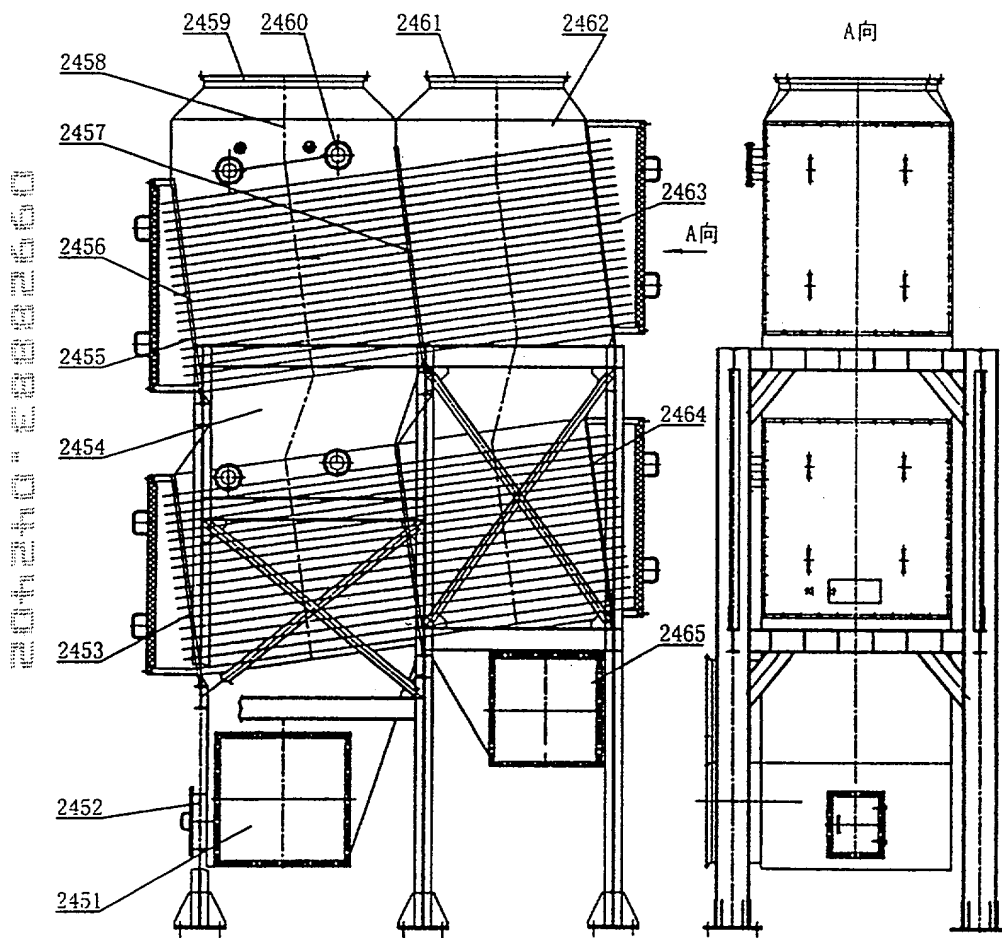


Fig. 5ZNA



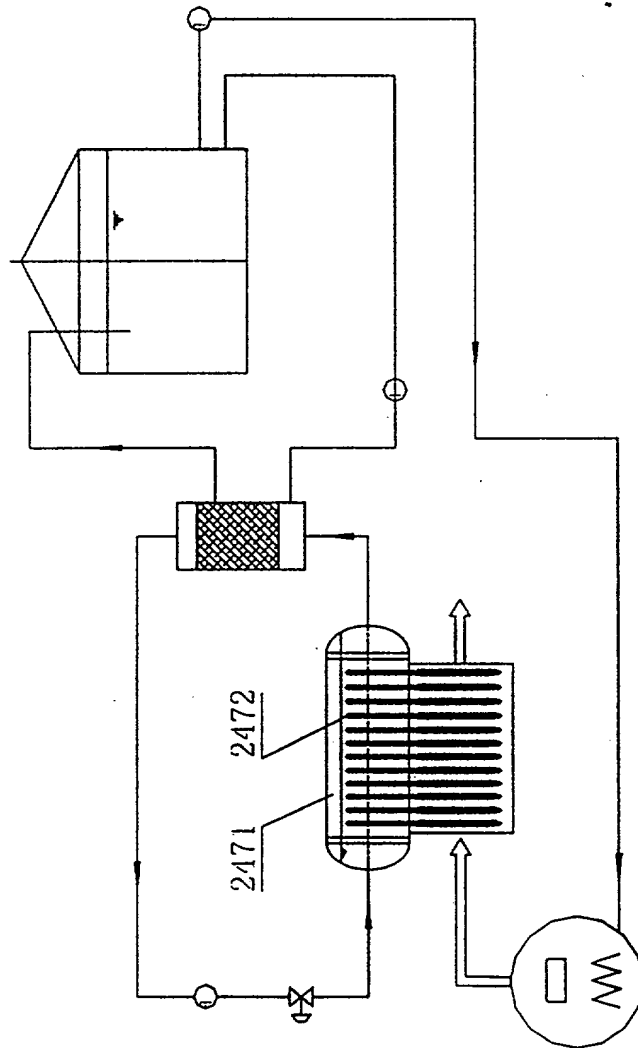


Fig. 52NB

2014240" 00002660

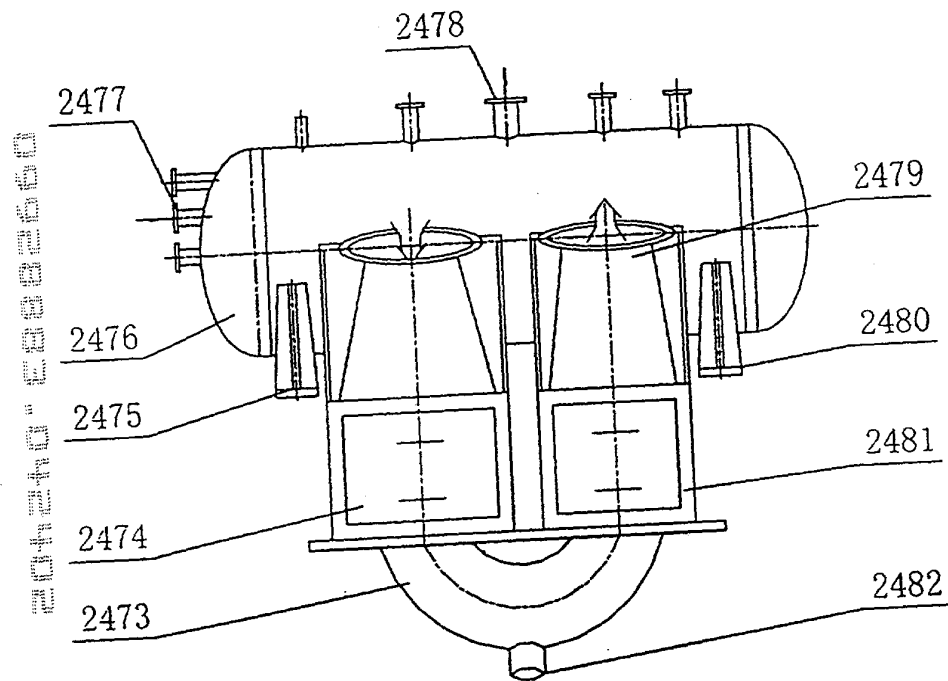


Fig. 5ZNC

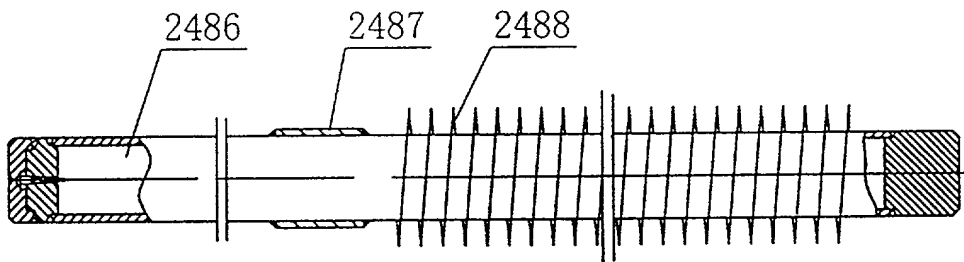


Fig. 5ZND

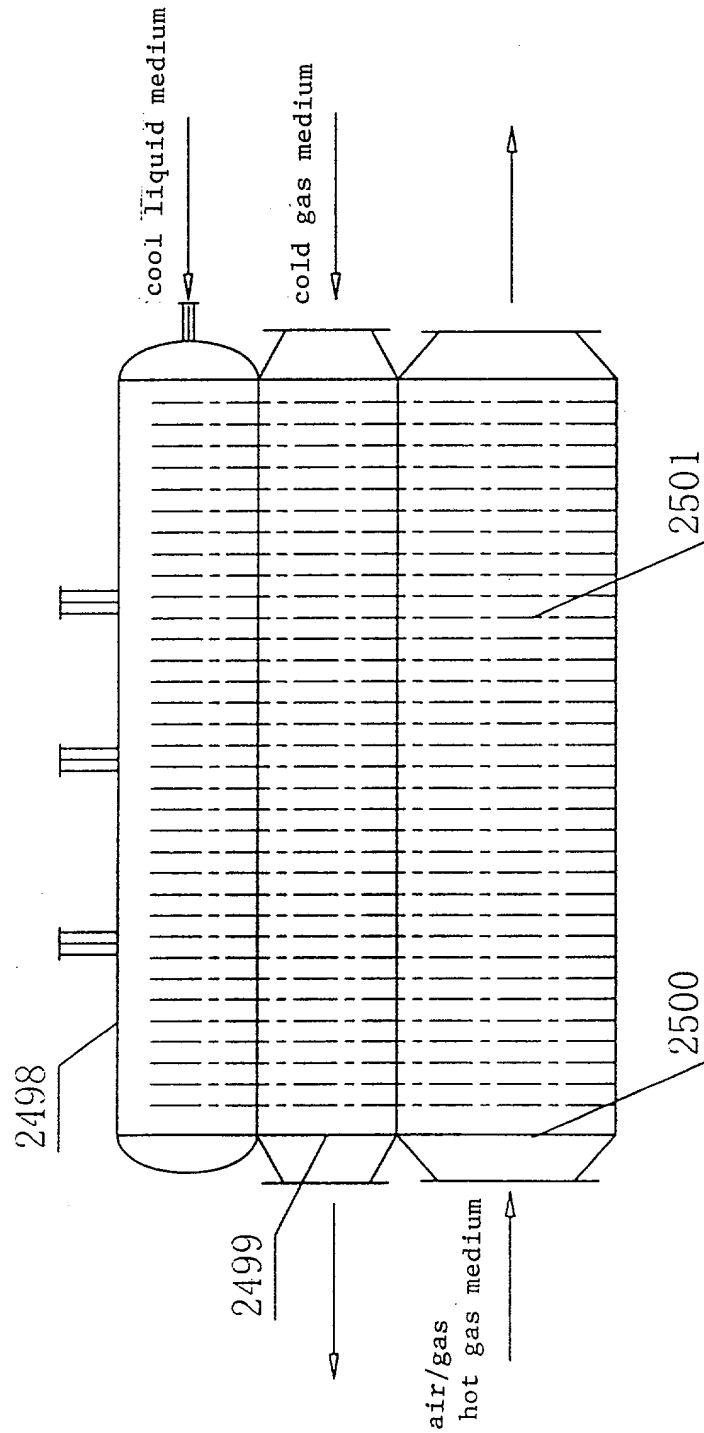


Fig. 5ZNE

2014240" 20282660

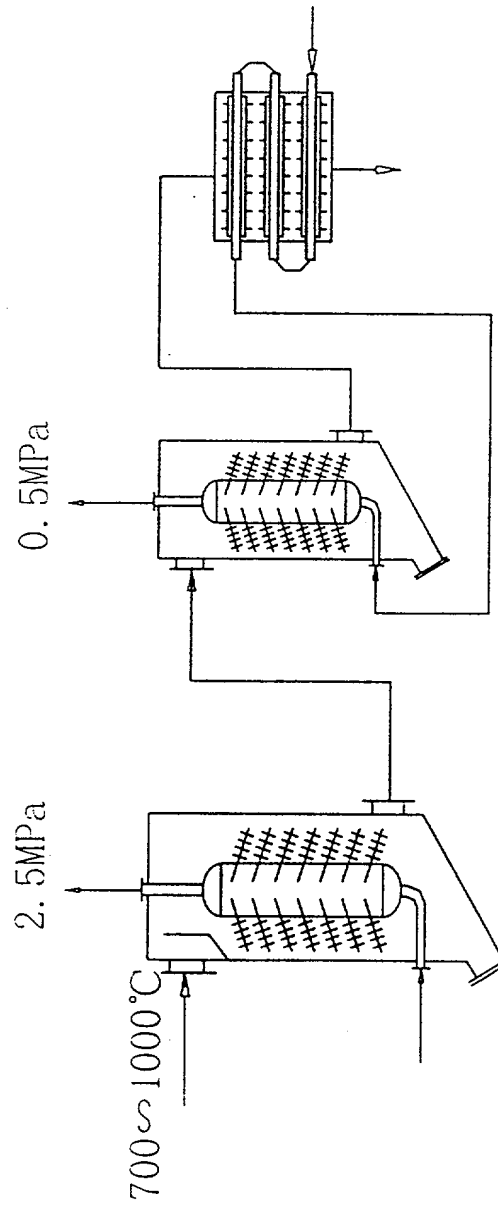


Fig. 5ZNF

204240" 63832660

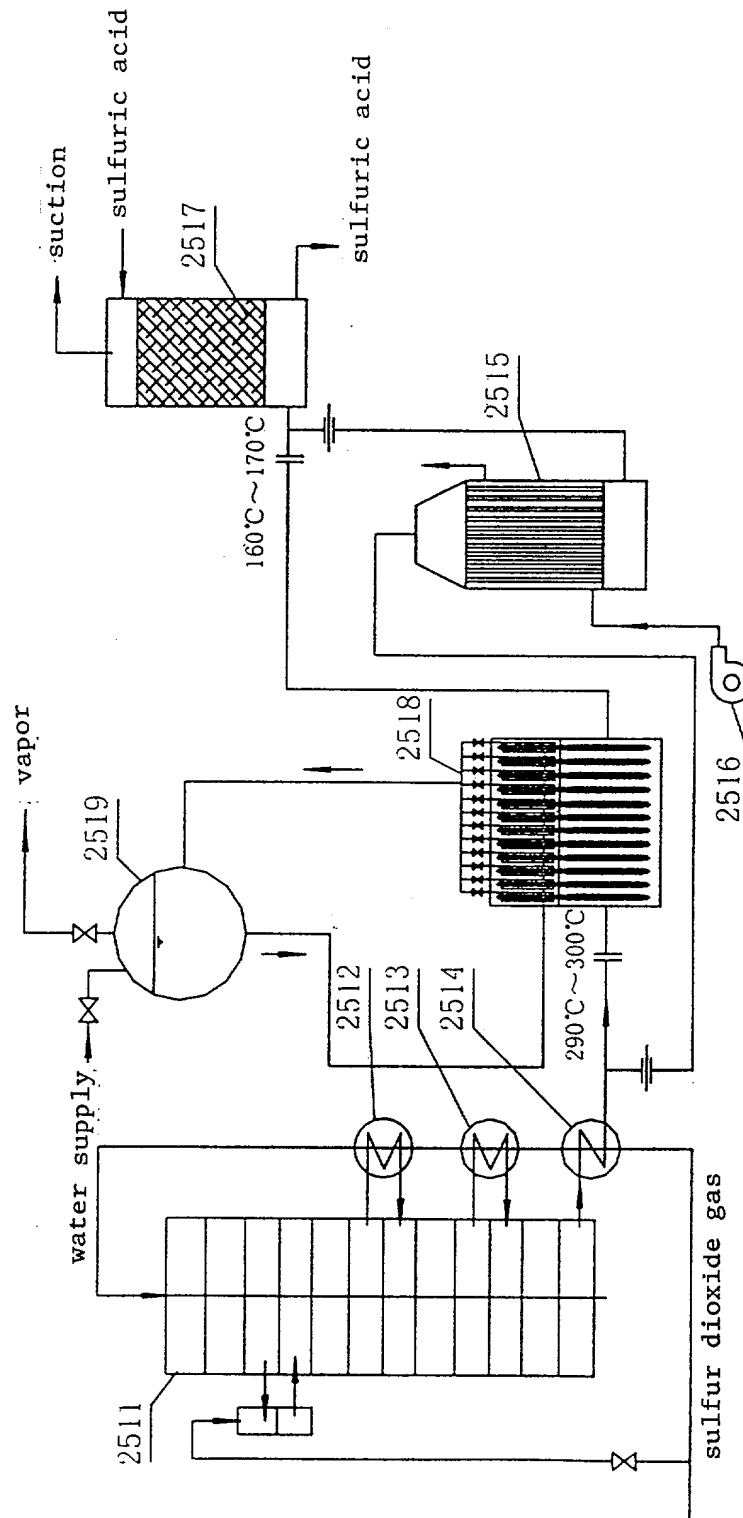


Fig. 5ZNG

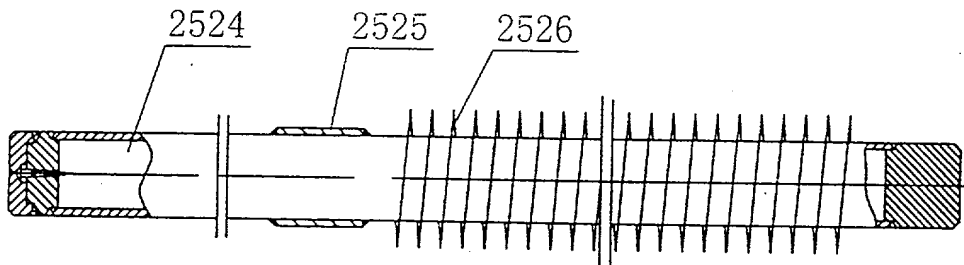


Fig. 5ZNH

20121010 0928883 0410

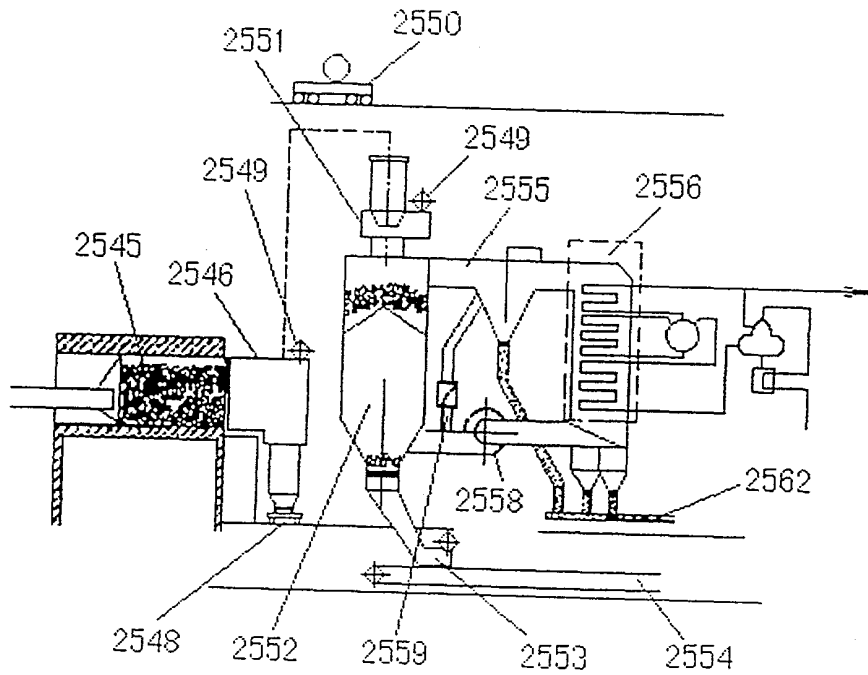


Fig. 5ZNI



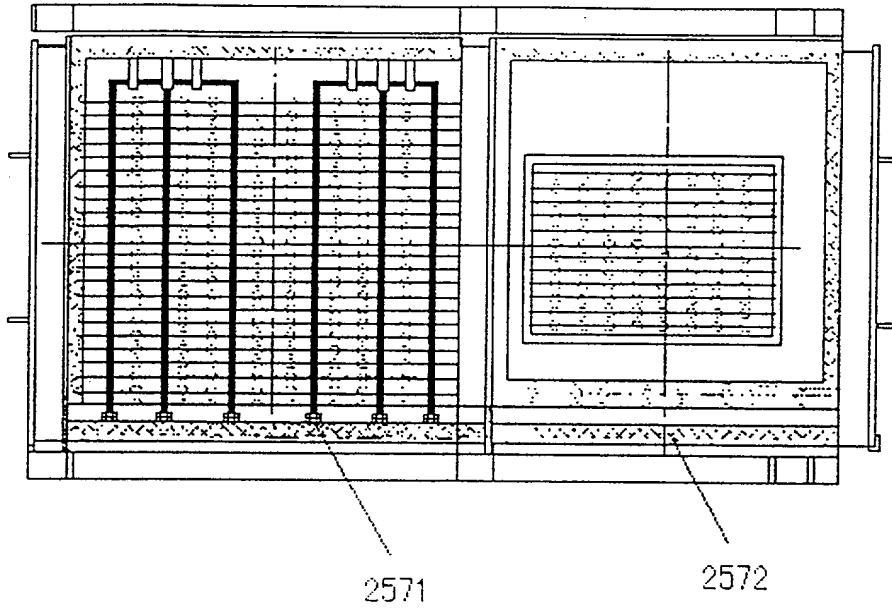


Fig. 5ZNJ

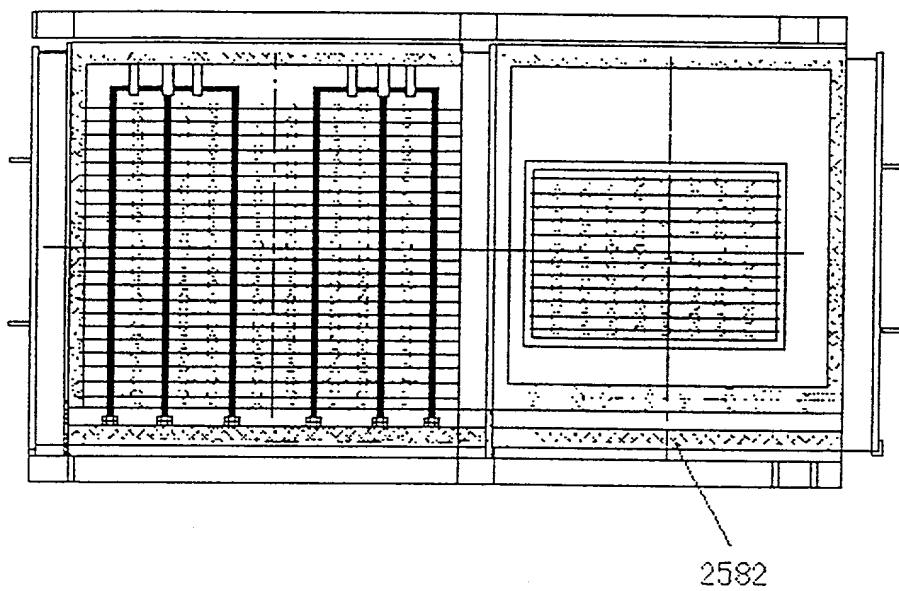


Fig. 5ZNK

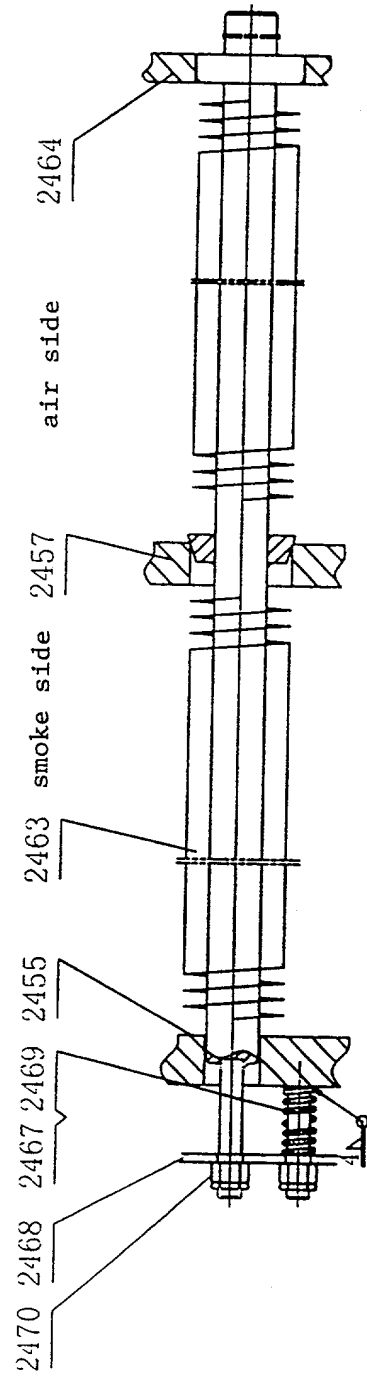


Fig. 520A

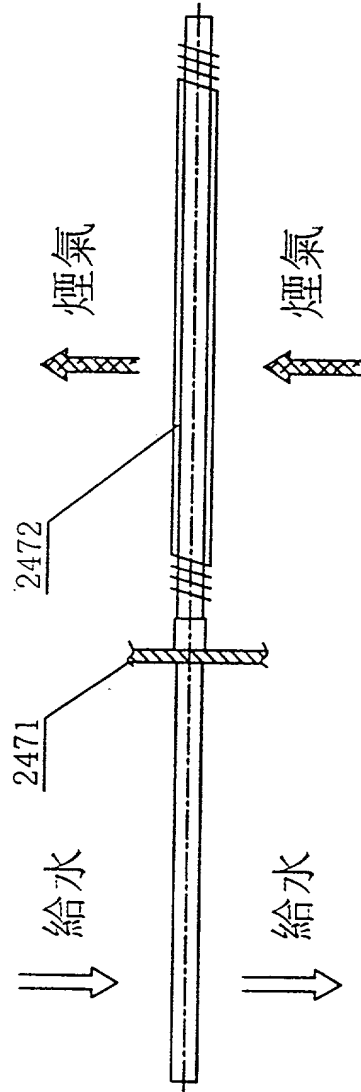


Fig. 5Z0B

20140404 08262660

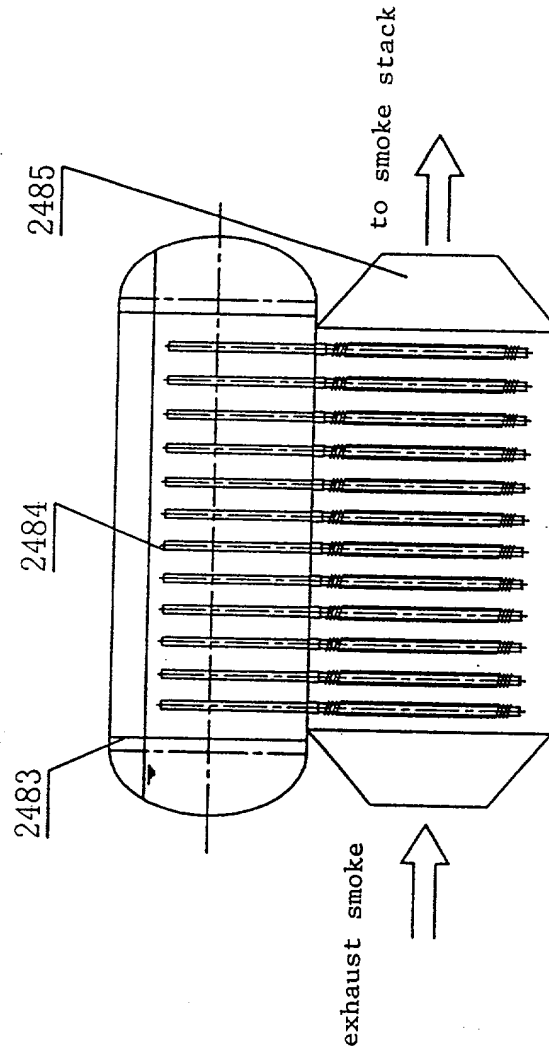


Fig. 5Z0C

20140701 00000000

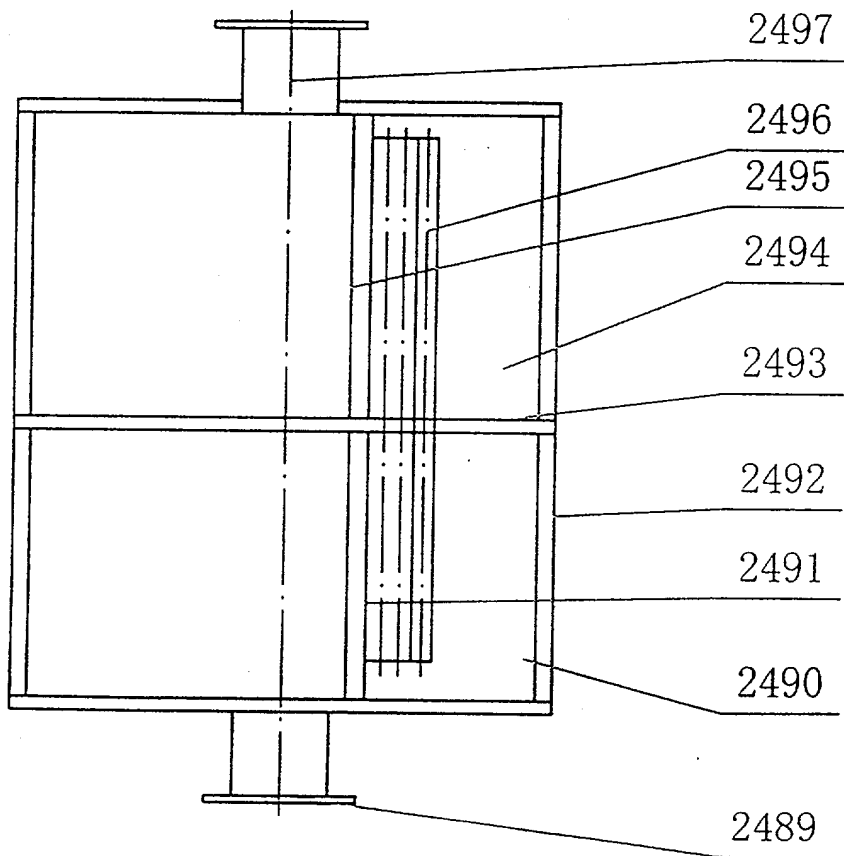


Fig. 5ZOD

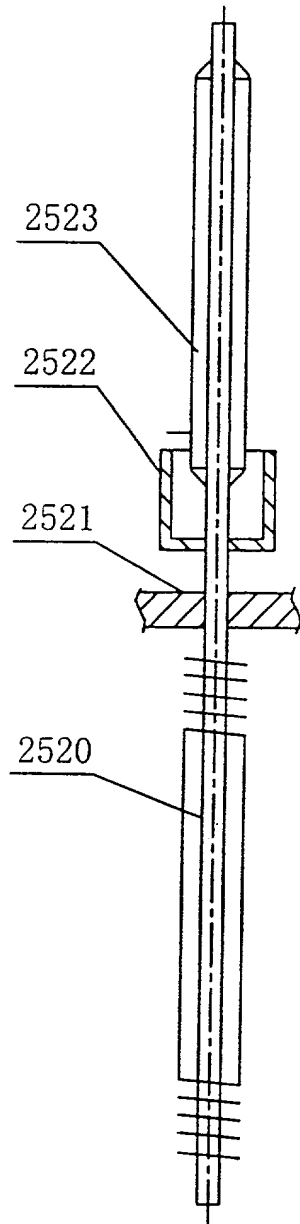


Fig. 5Z0G

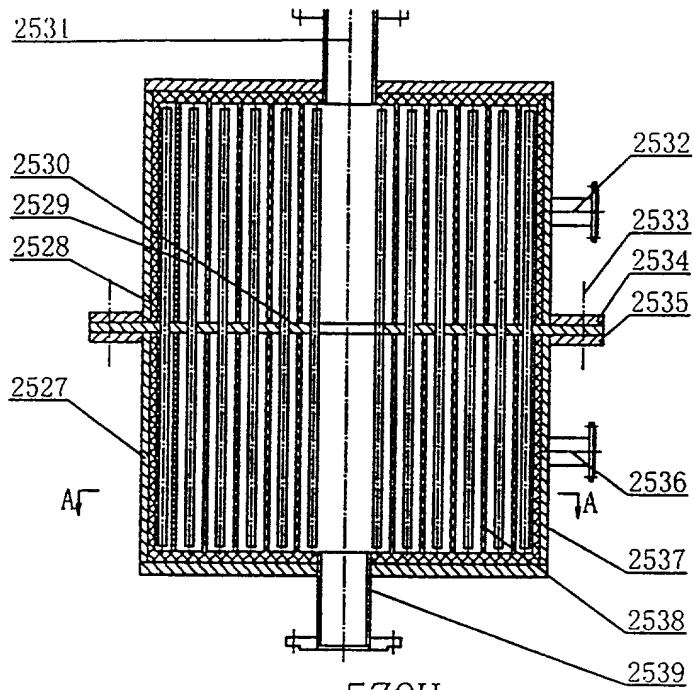


Fig. 5ZOH

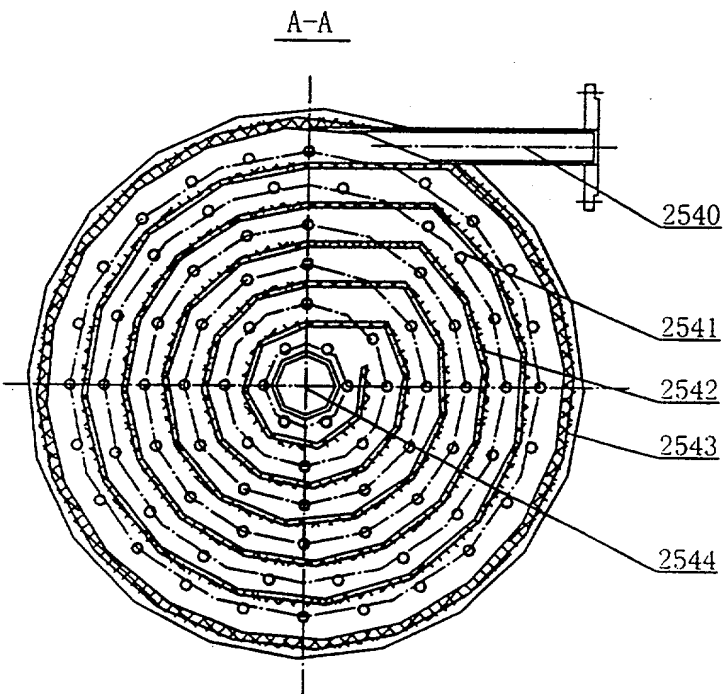


Fig. 5ZPH

2014240-00000000



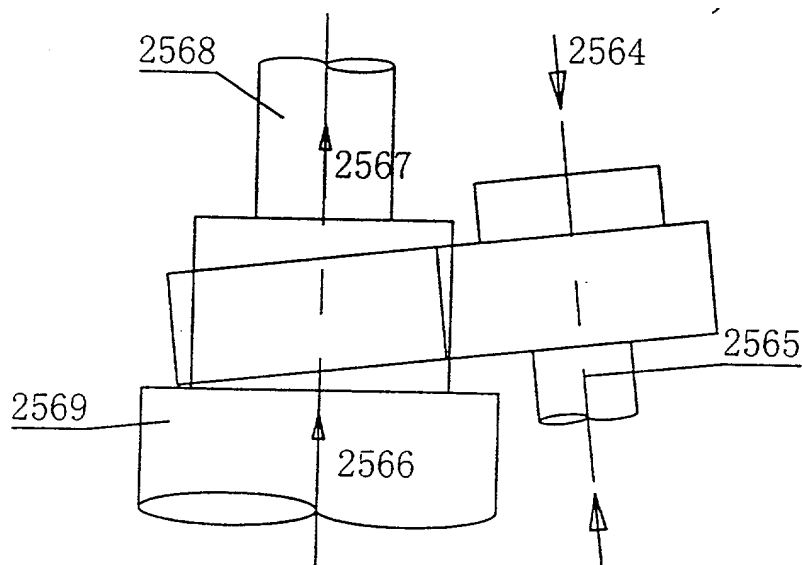
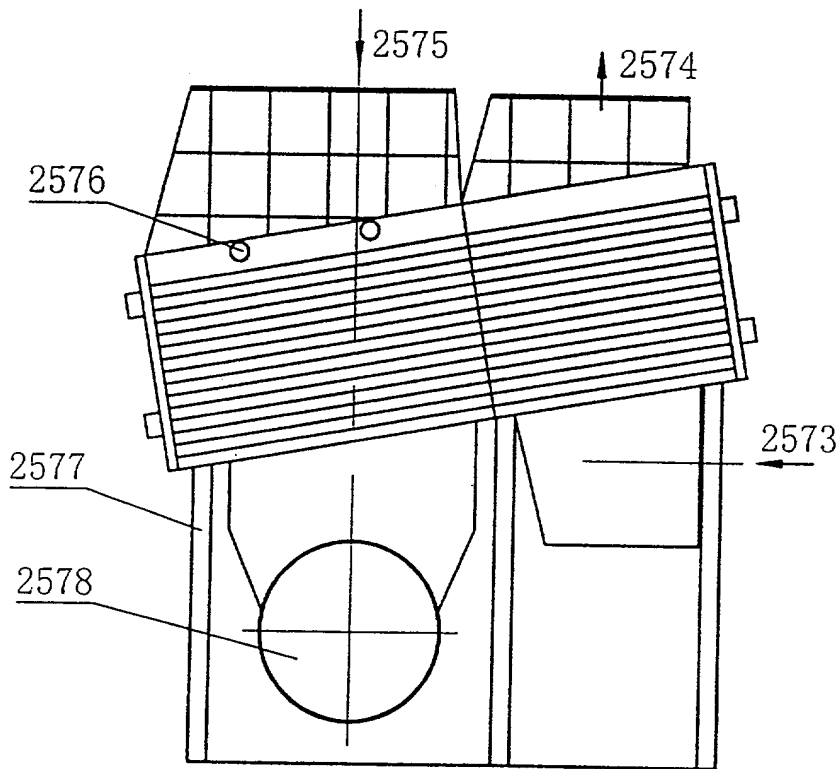


Fig. 5Z0J



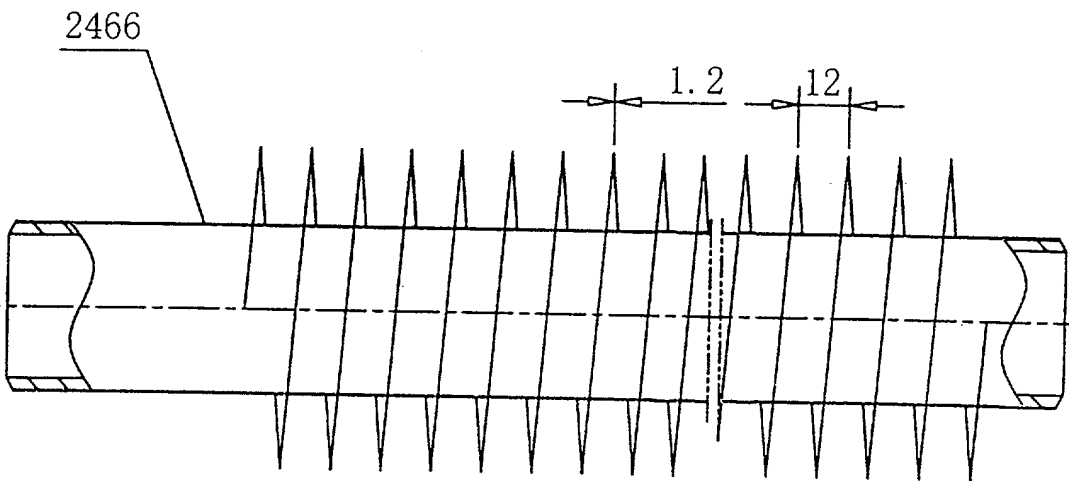


Fig. 5ZPA

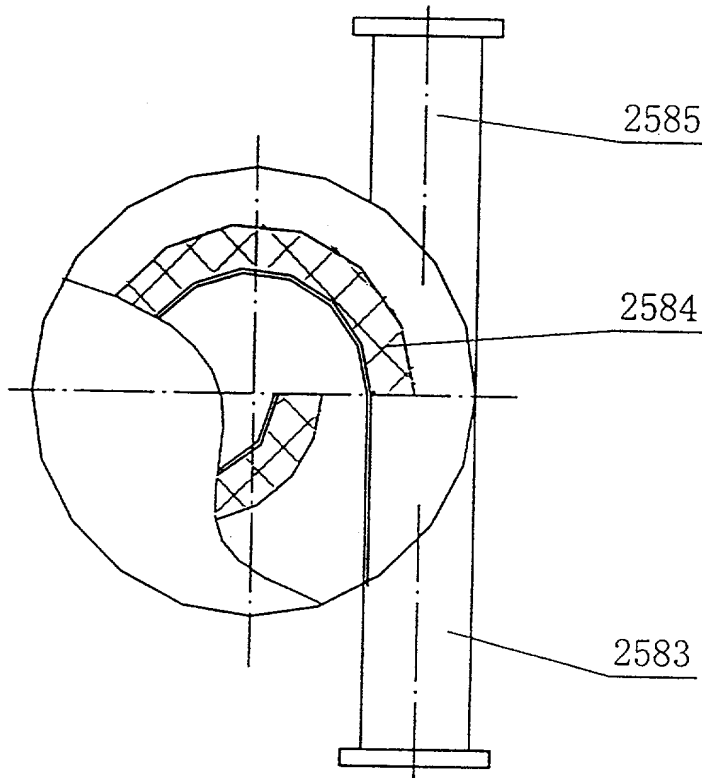


Fig. 5ZPD

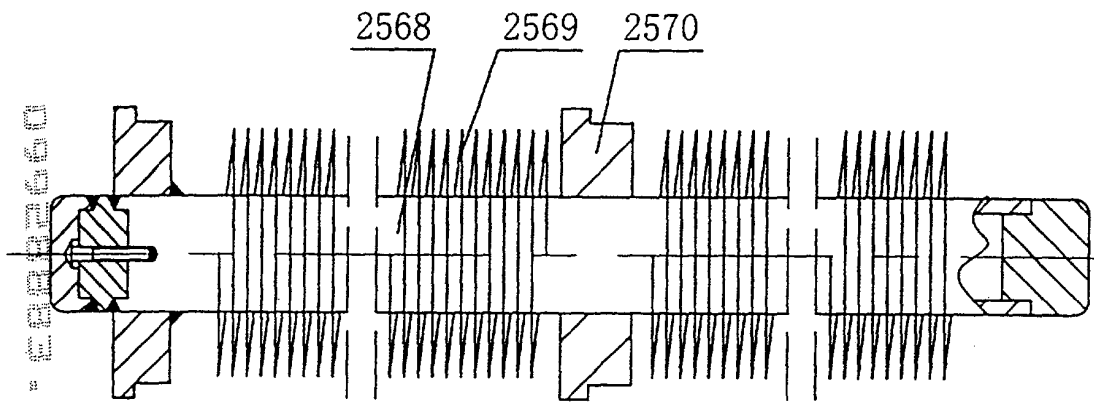


Fig. 5ZPJ

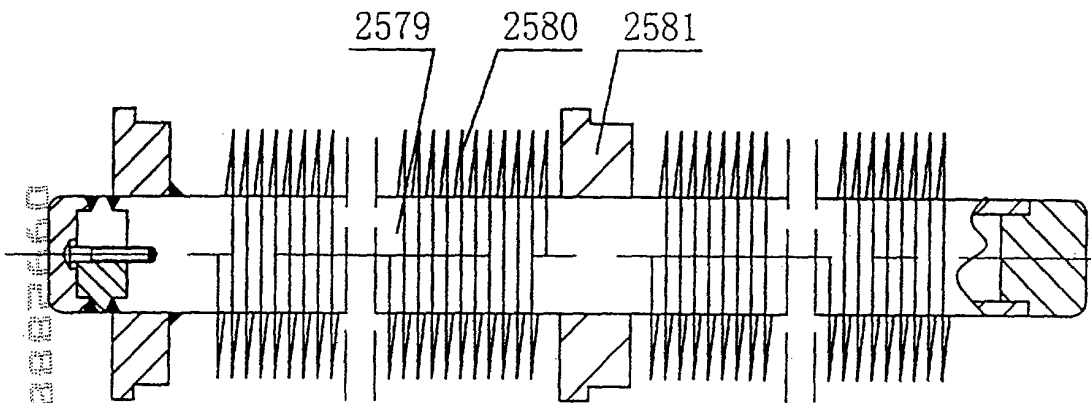


Fig. 5ZPK

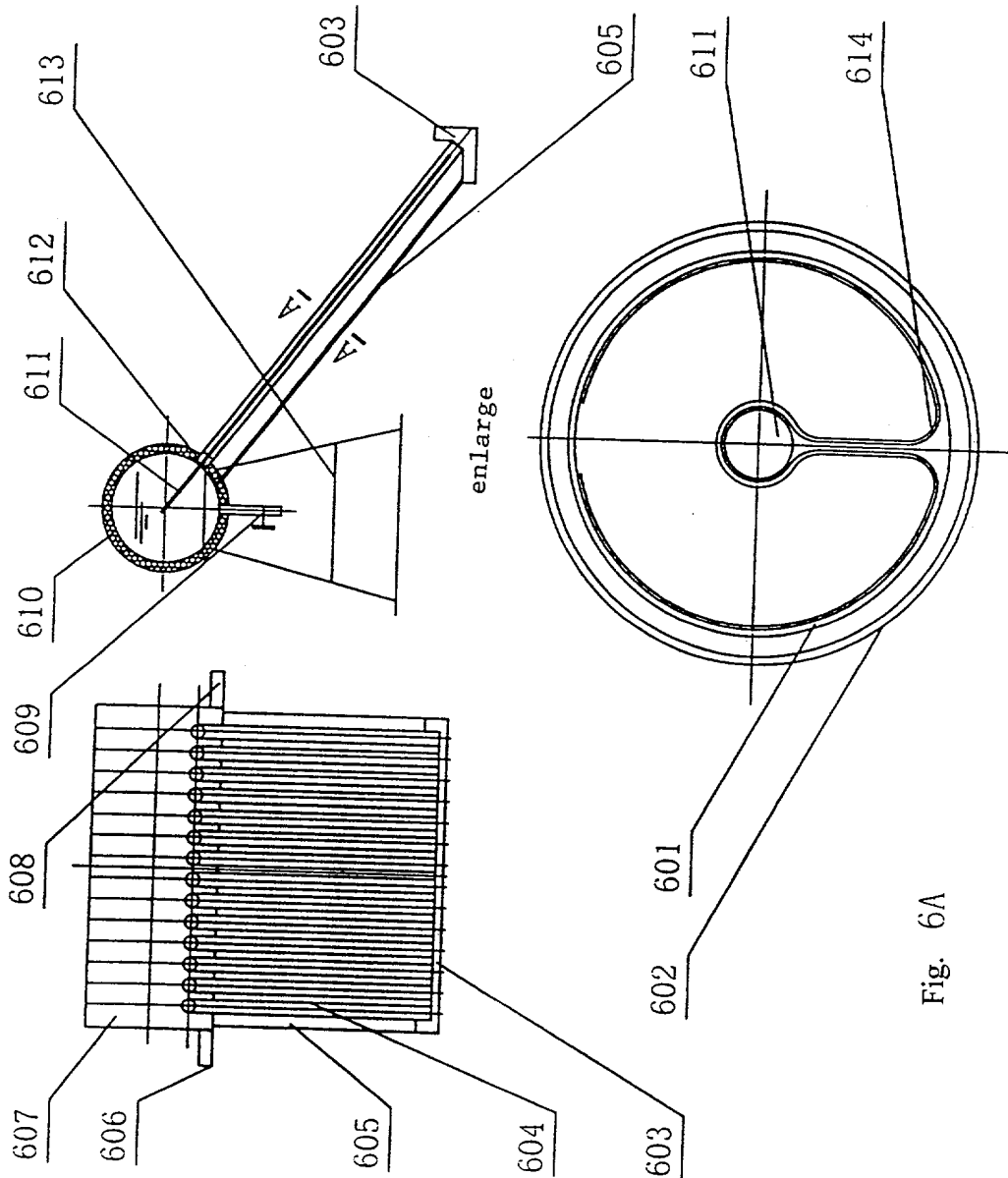


Fig. 6A

2014210-68882660

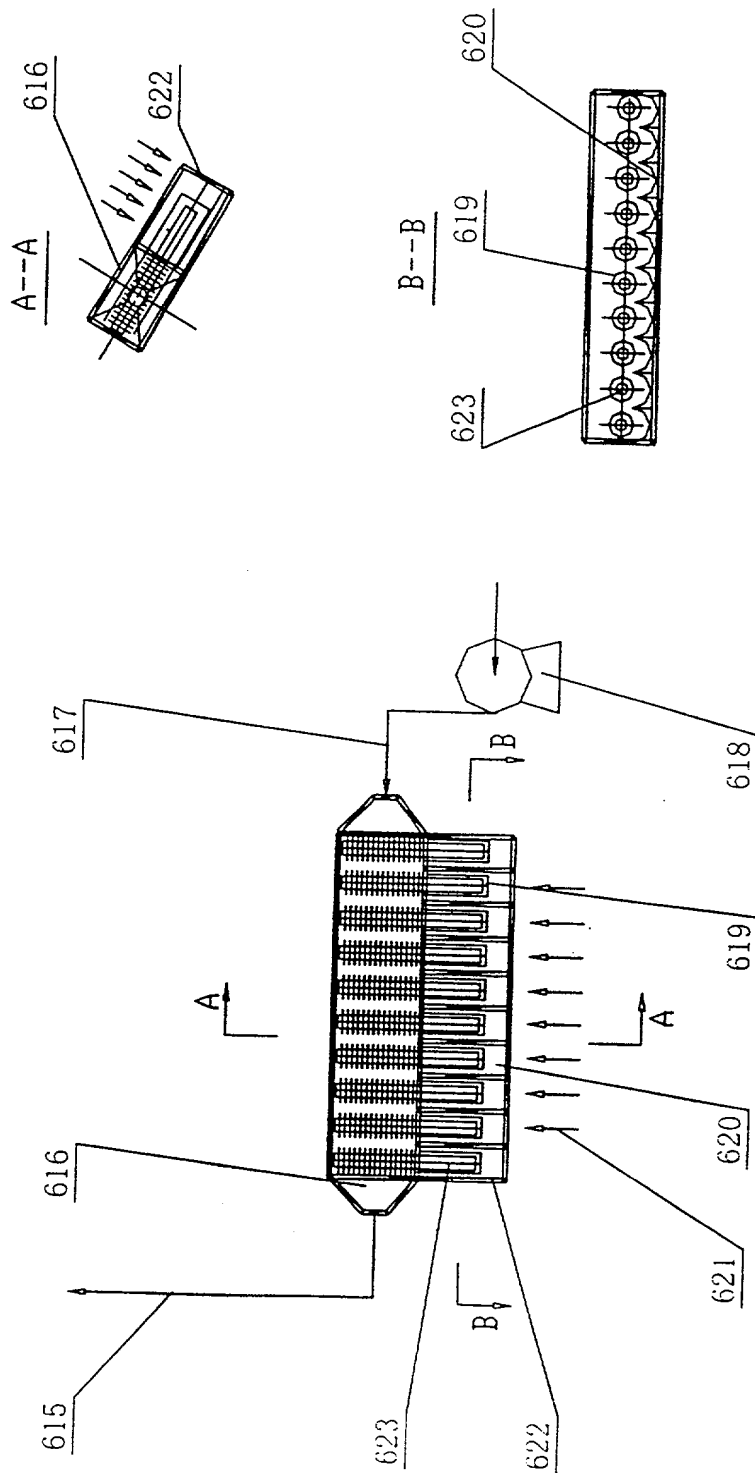


Fig. 6B

20140101 10:00:00



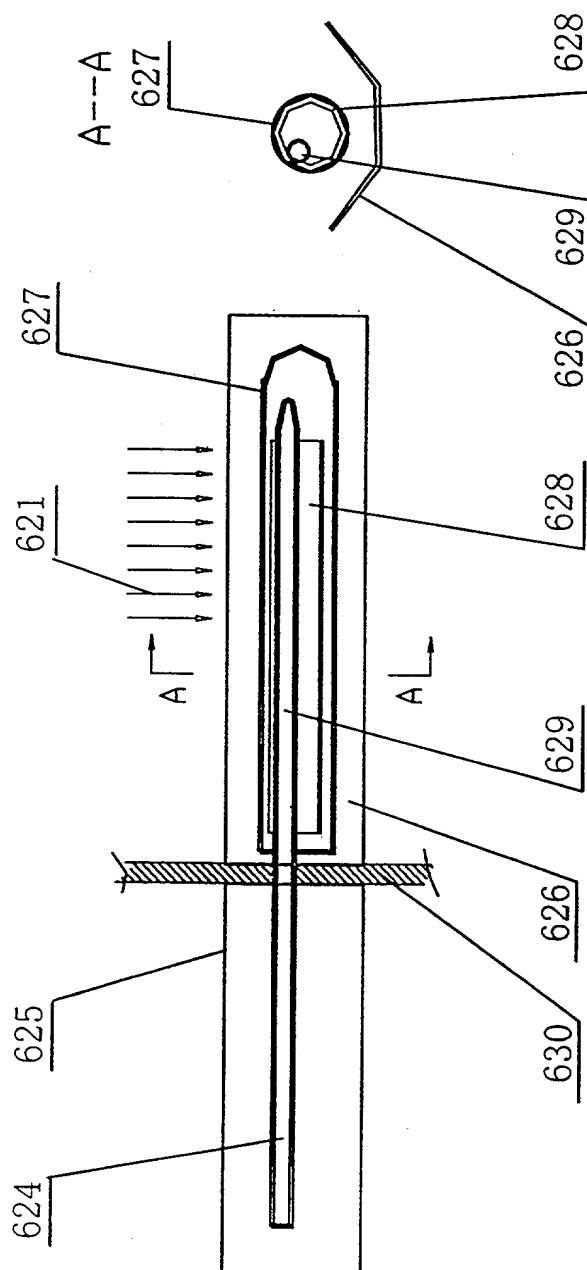


Fig. 6C

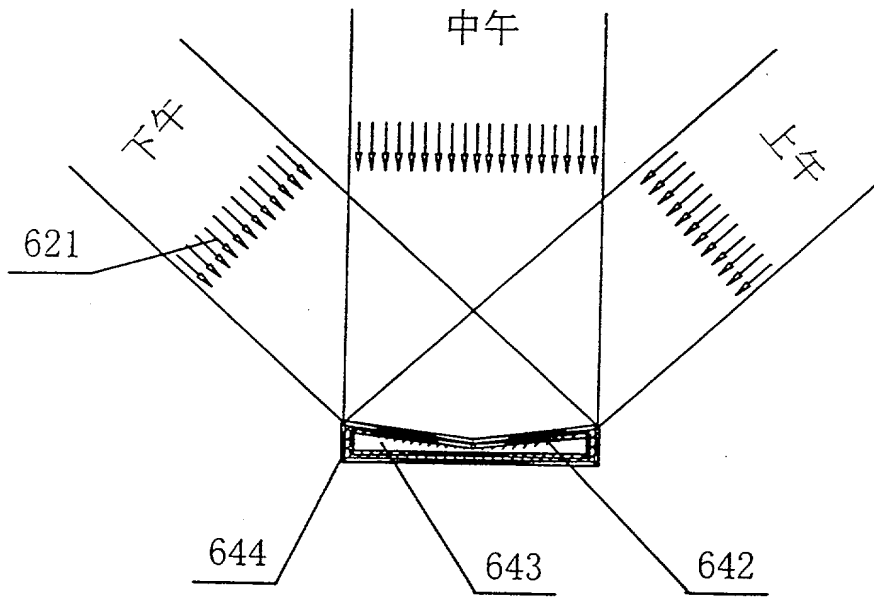


Fig. 6D

Fig. 6E

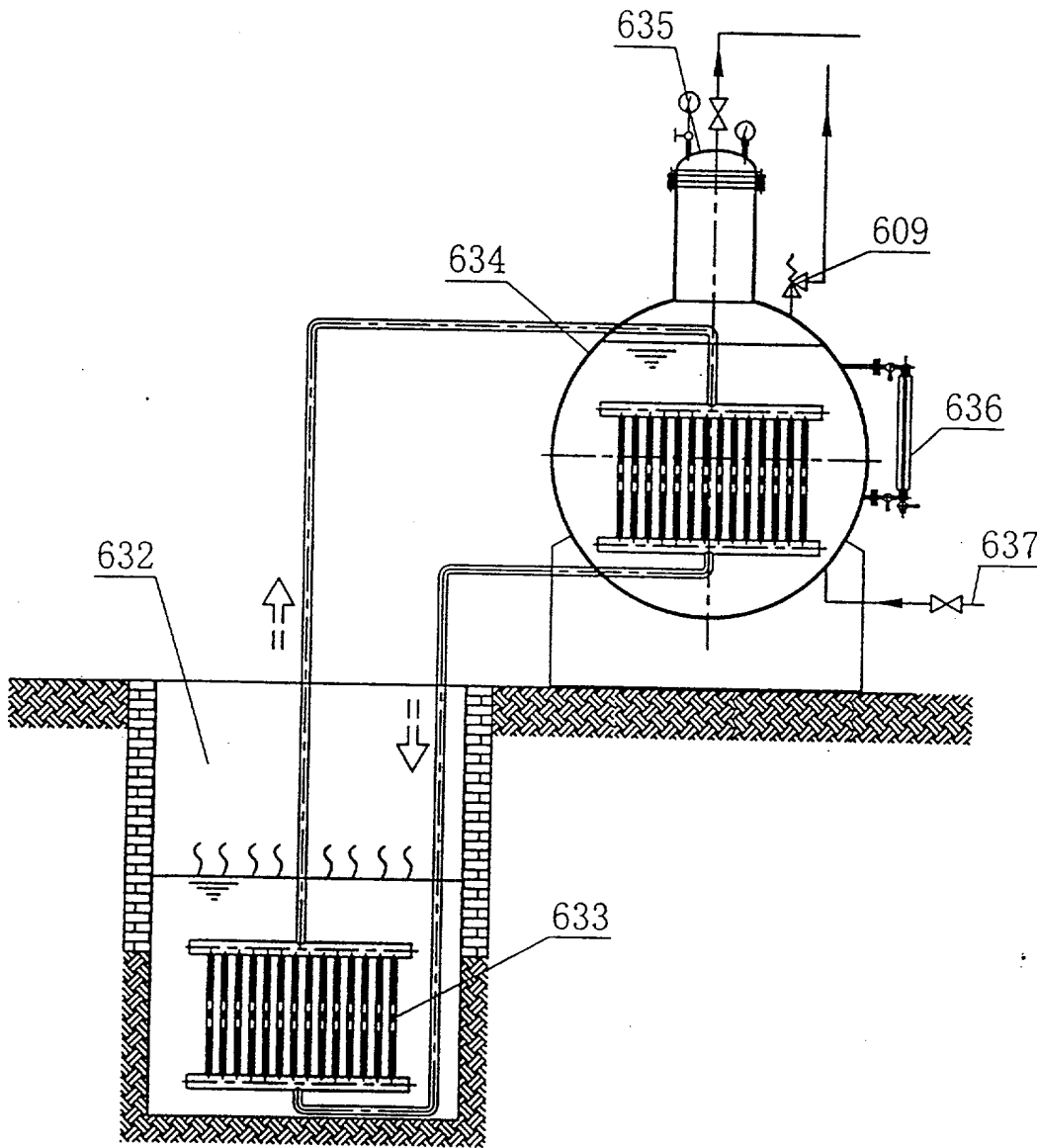


Fig. 6F

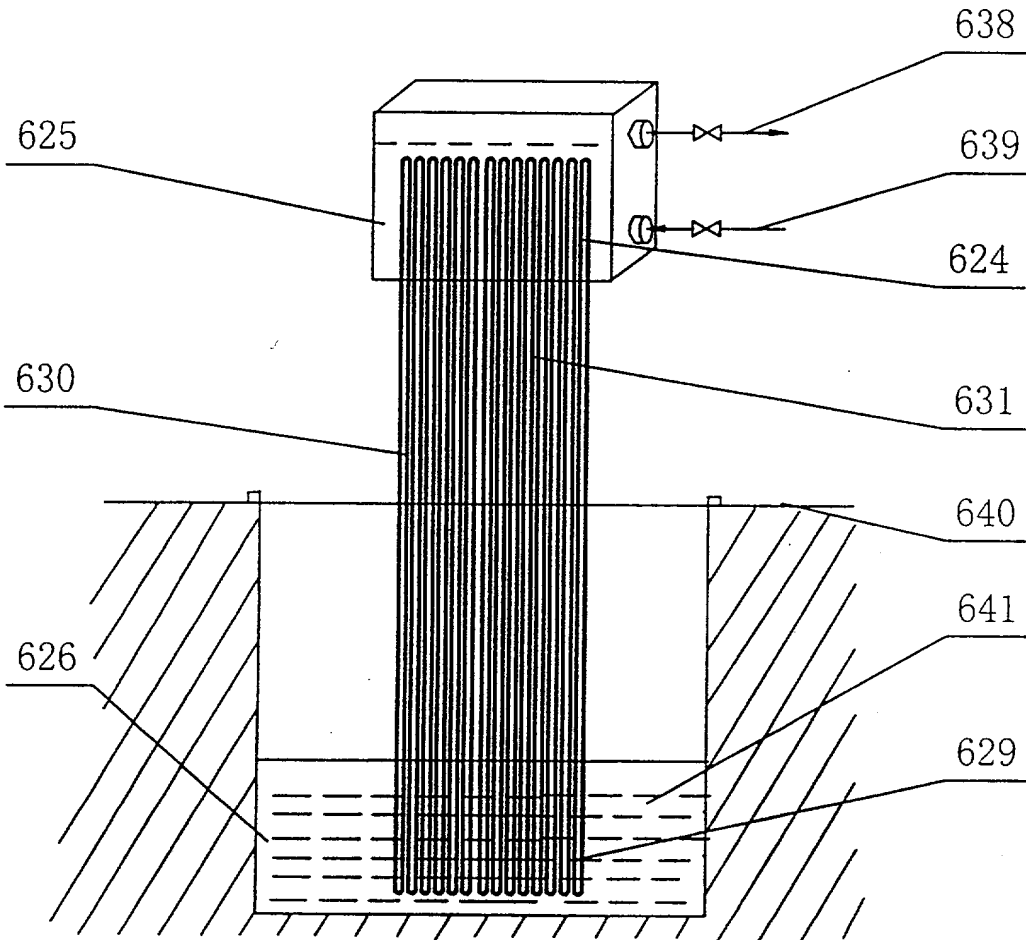


Fig. 6G

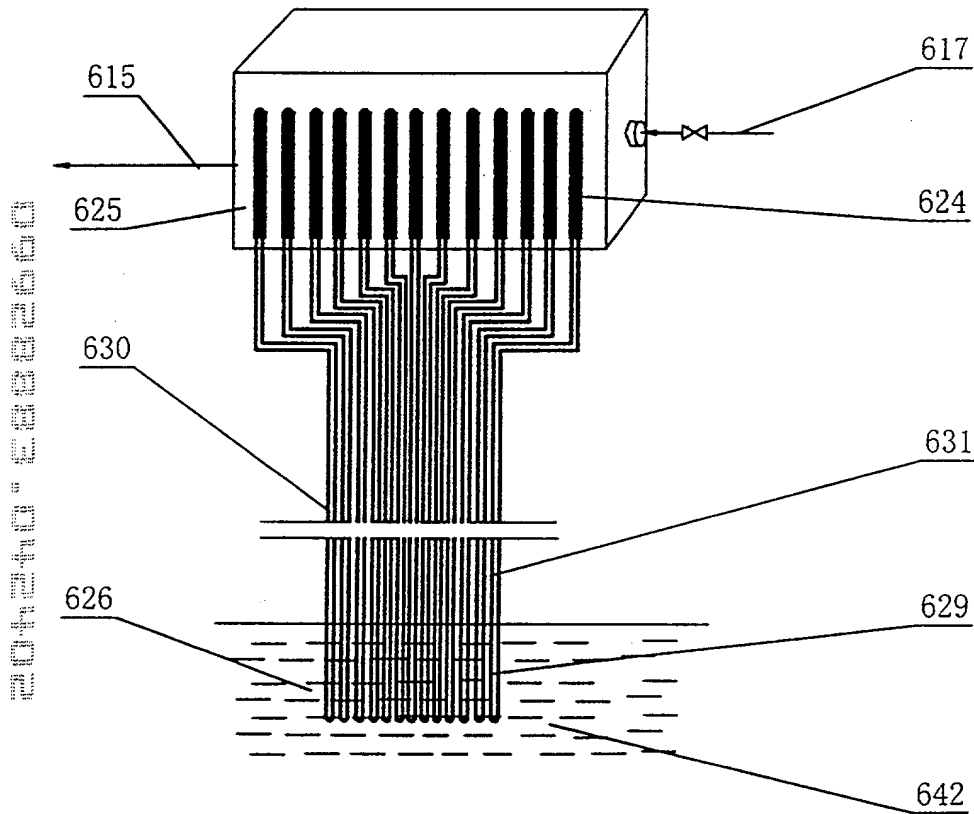


Fig. 6H

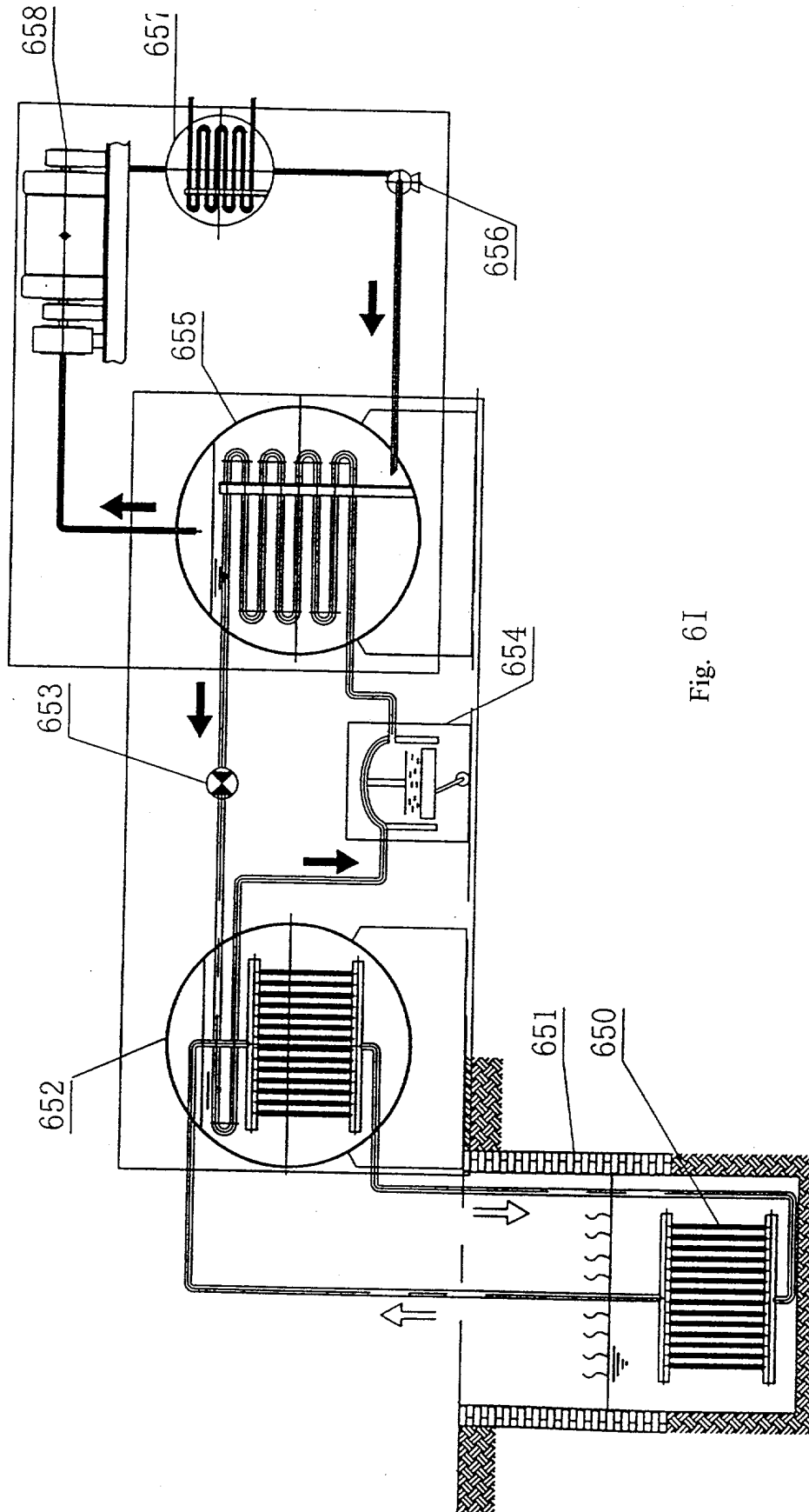


Fig. 6I

201210" 00000000

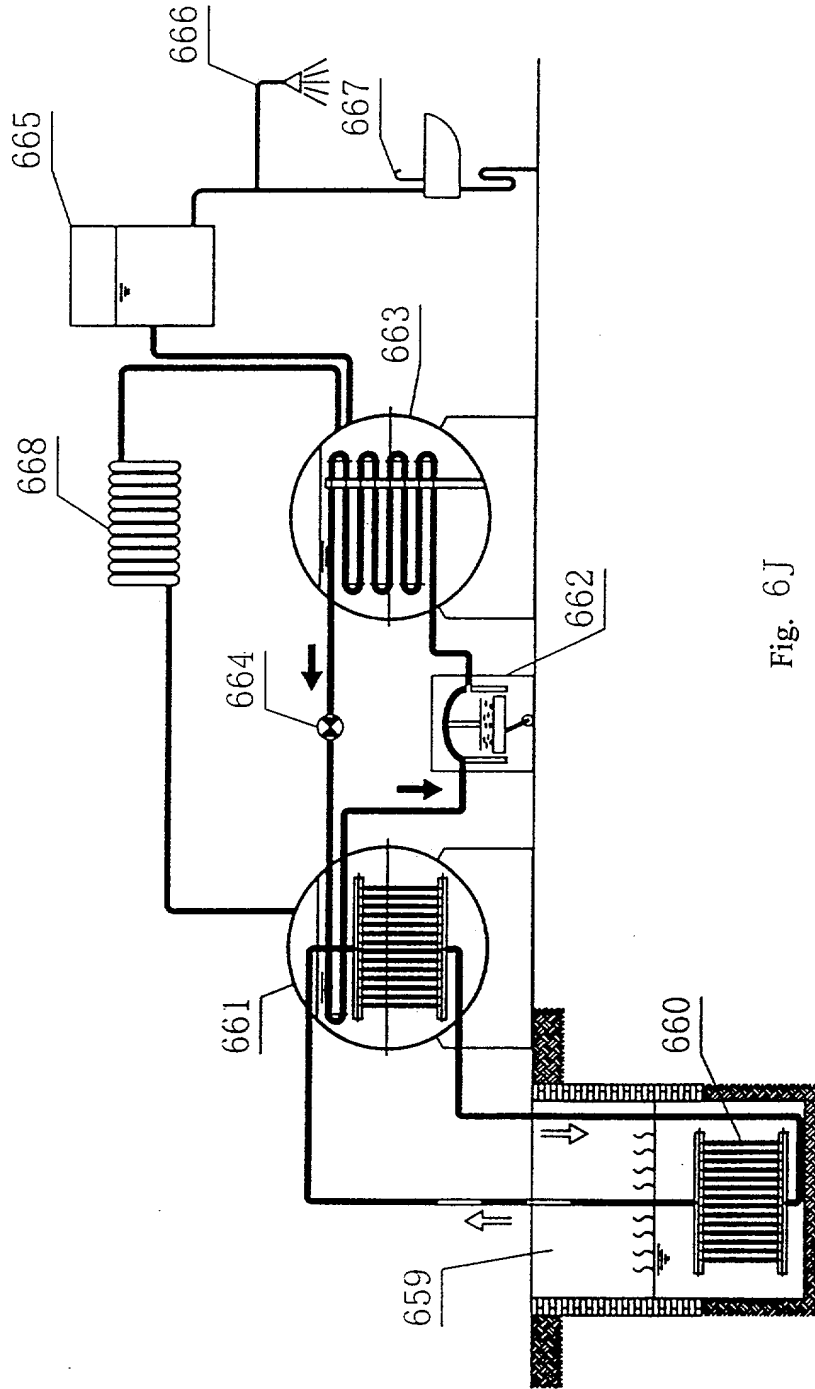


Fig. 6J

204240-2382660



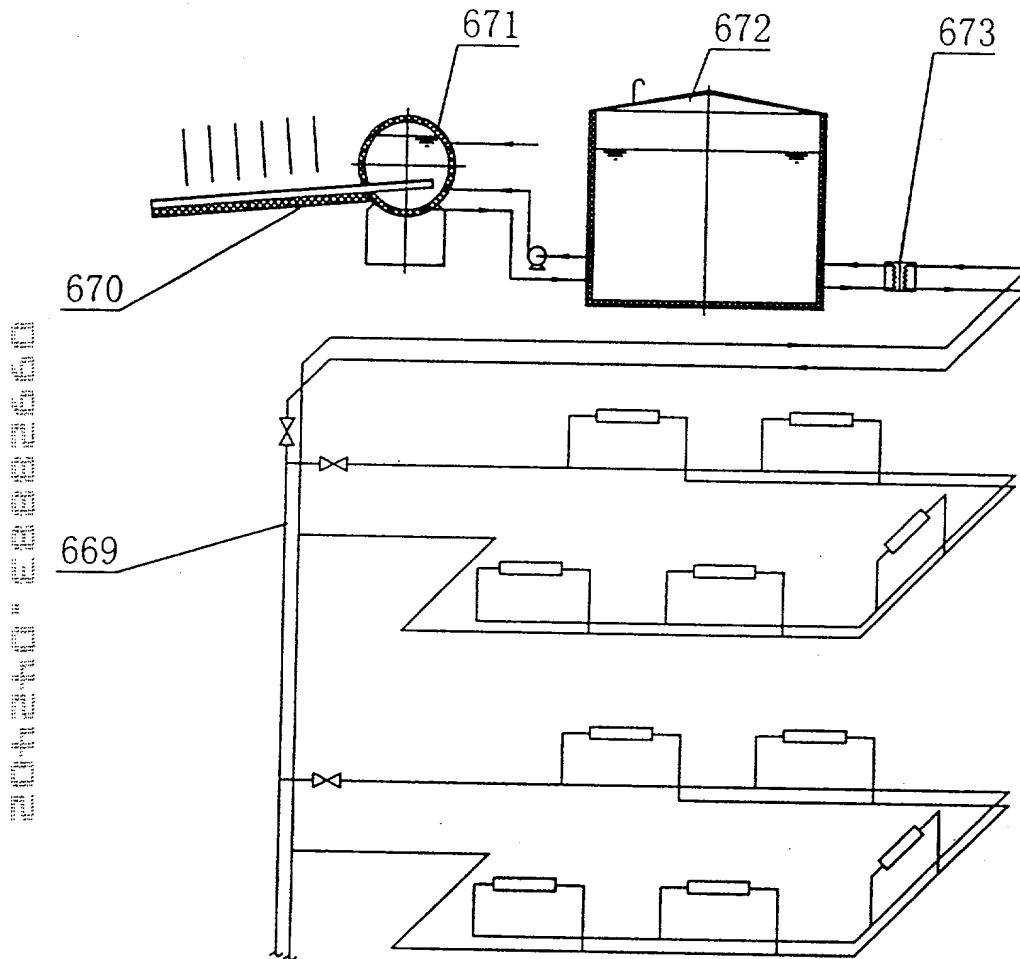


Fig. 6K

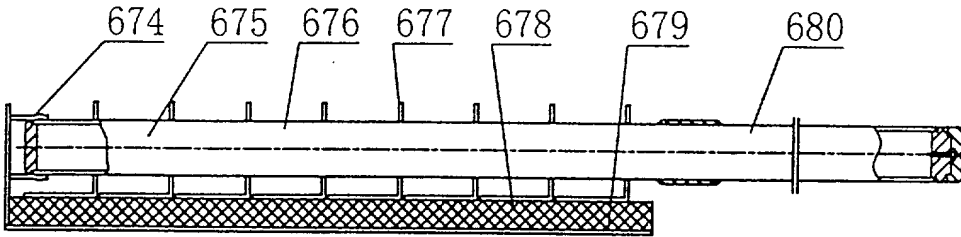


Fig. 6L

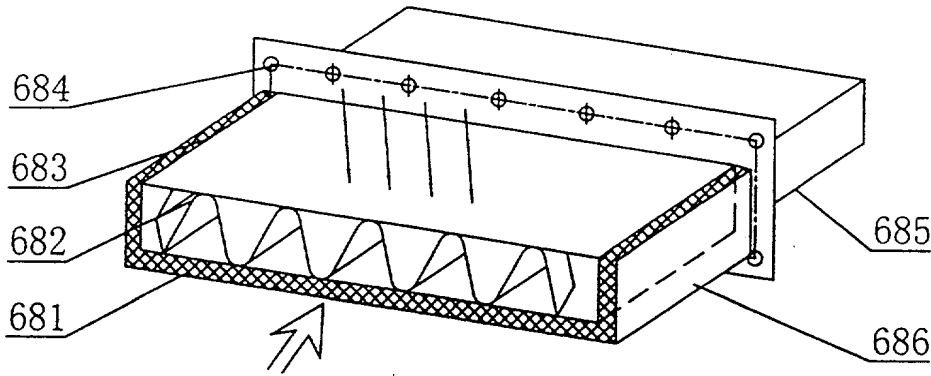


Fig. 6M

204240" 20222660

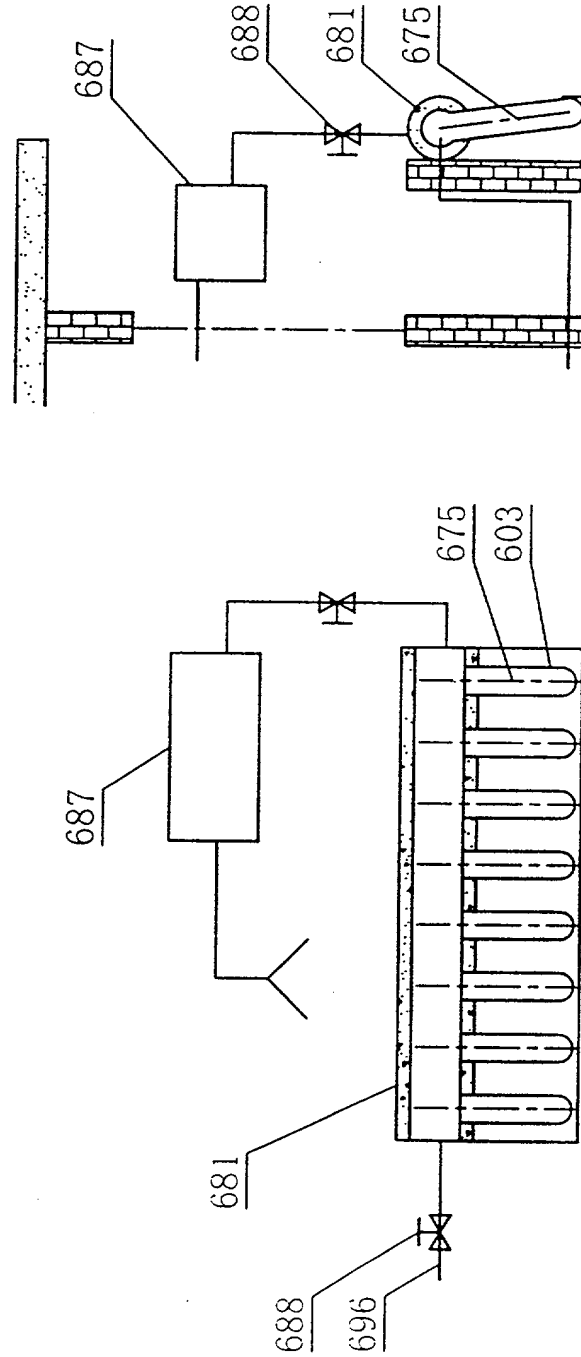


Fig. 6N

204240" 2882660

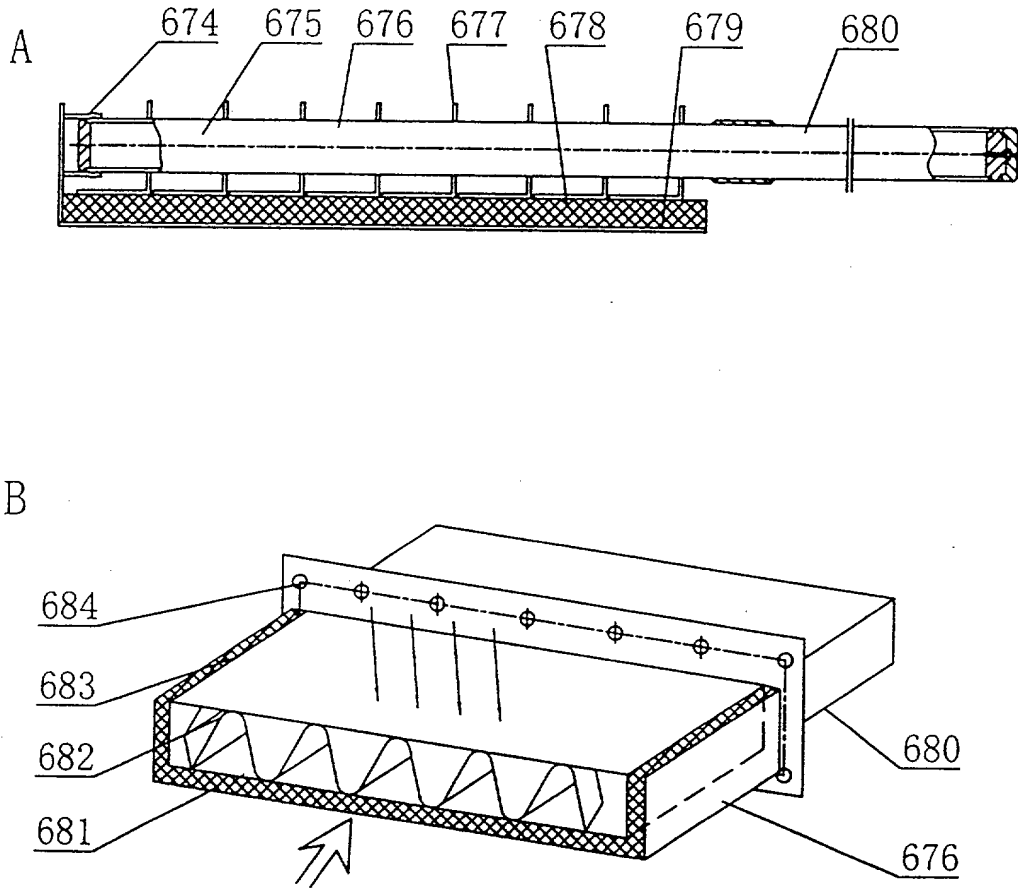


Fig. 60

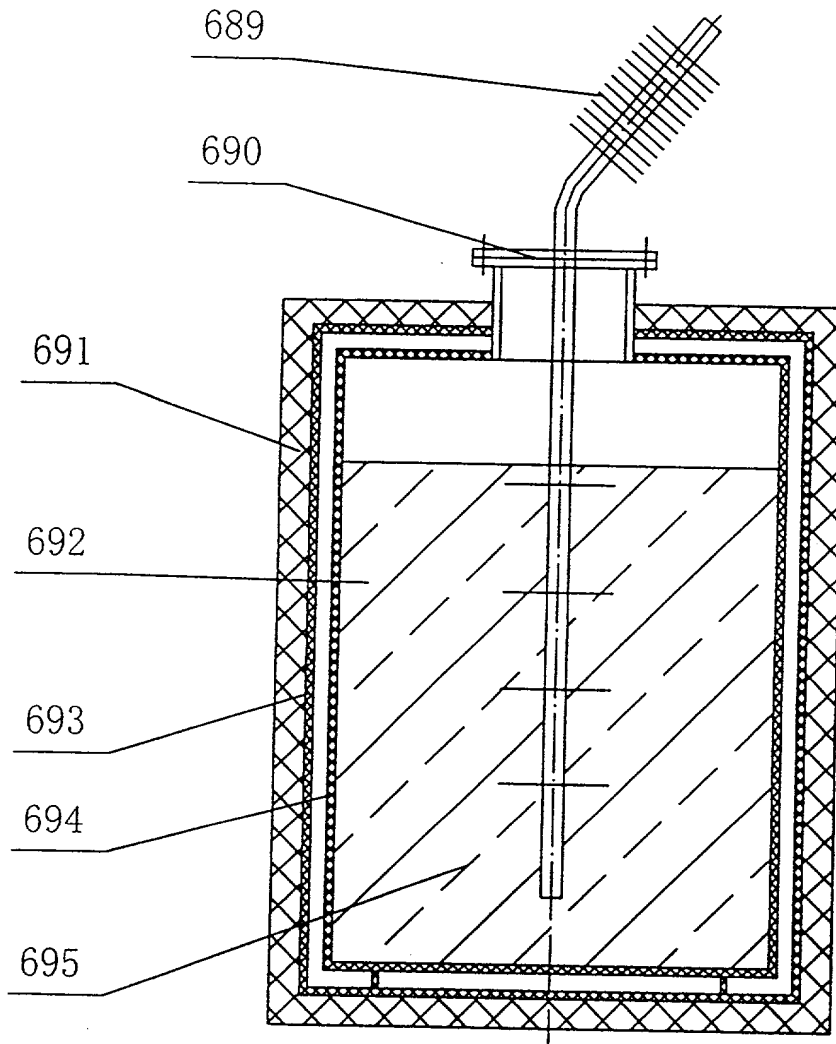


Fig. 6P

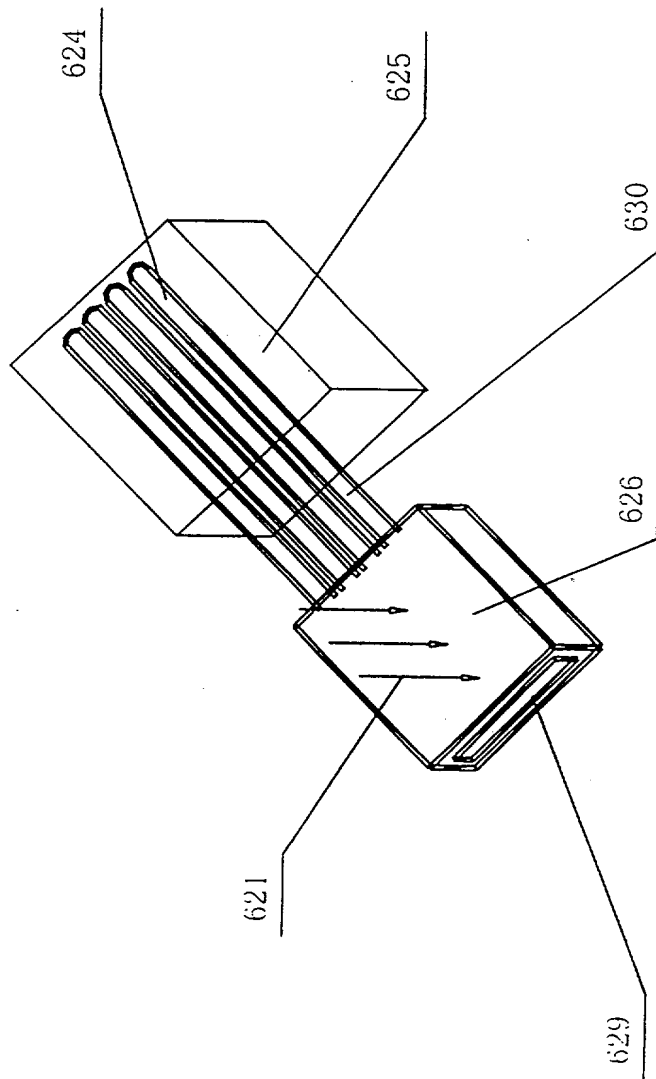


Fig. 6Q

204240-20002660

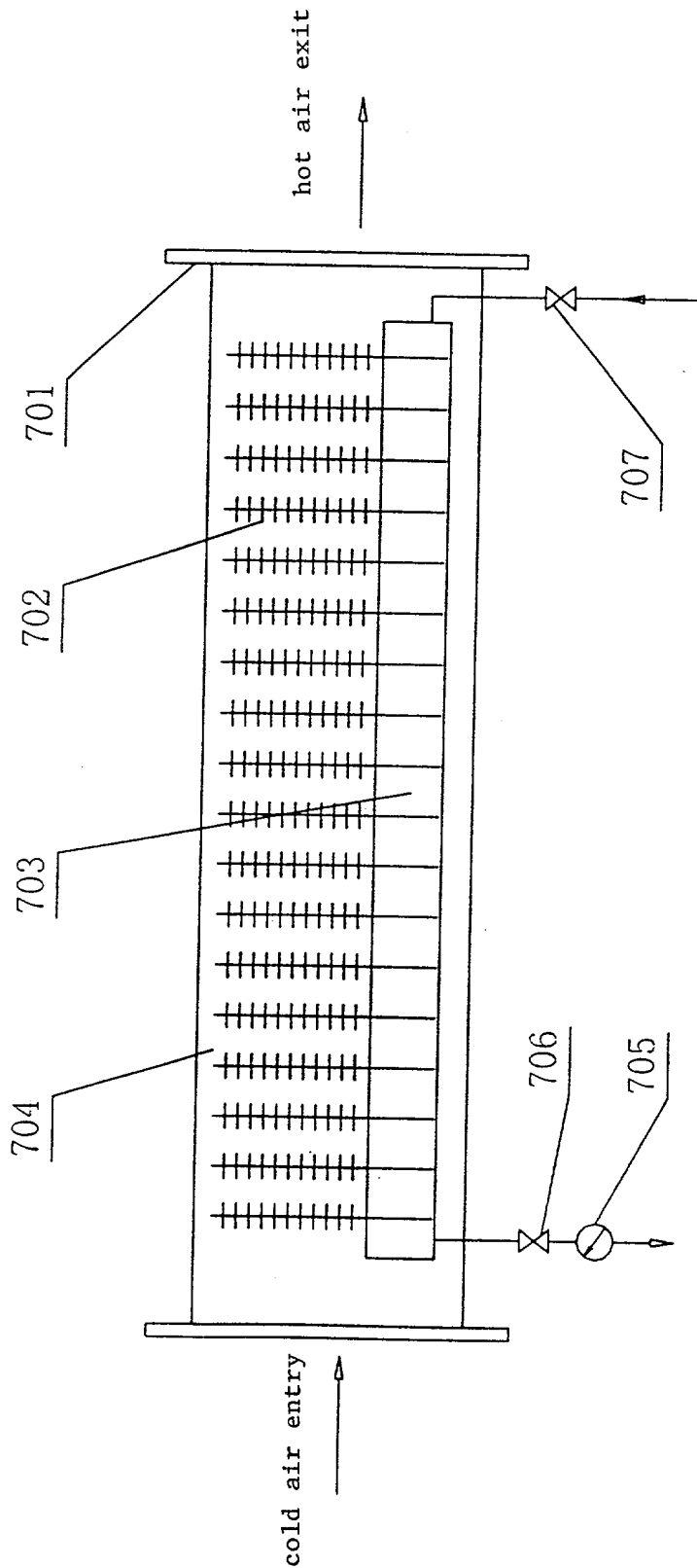


Fig. 7A

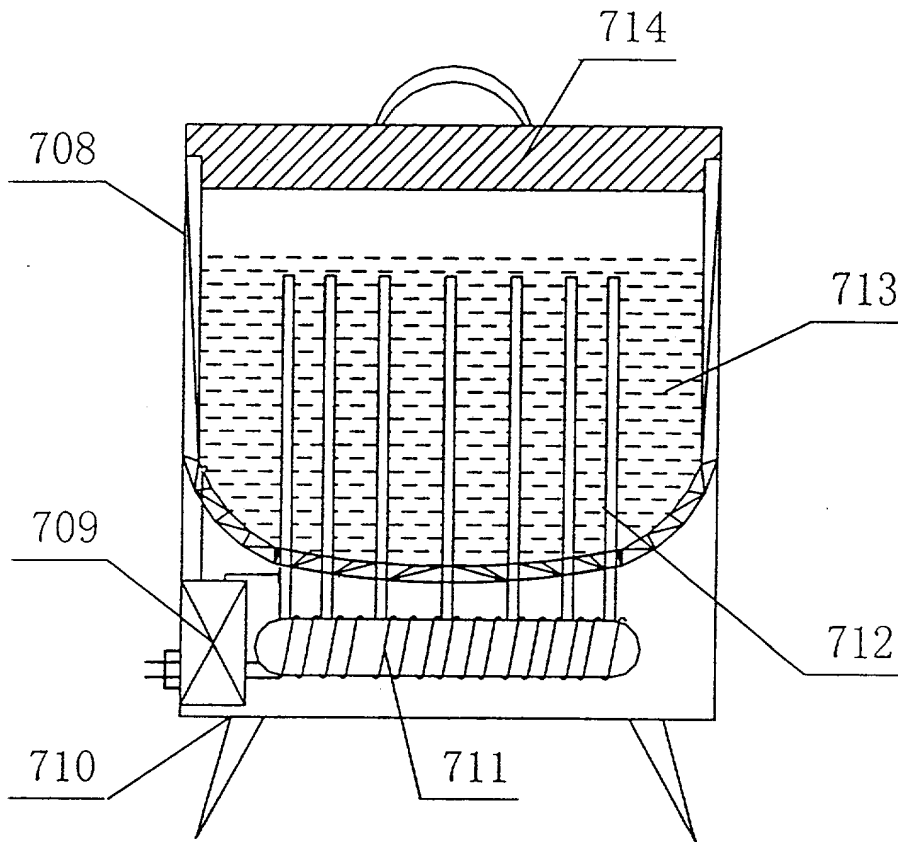


Fig. 7B



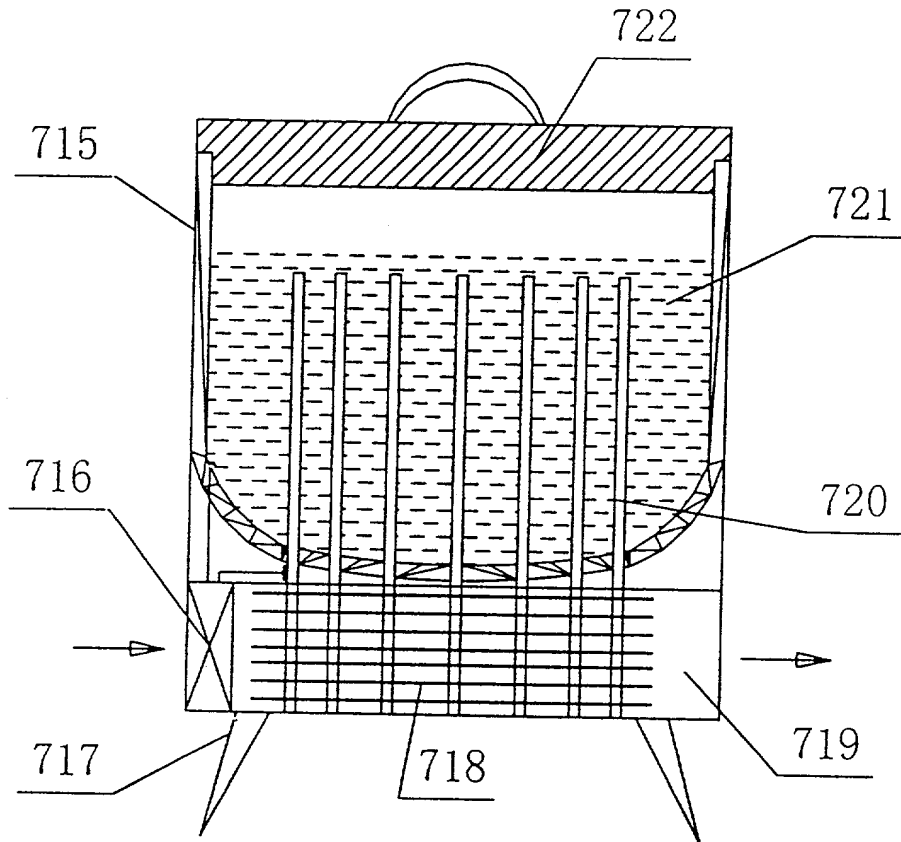


Fig. 7C

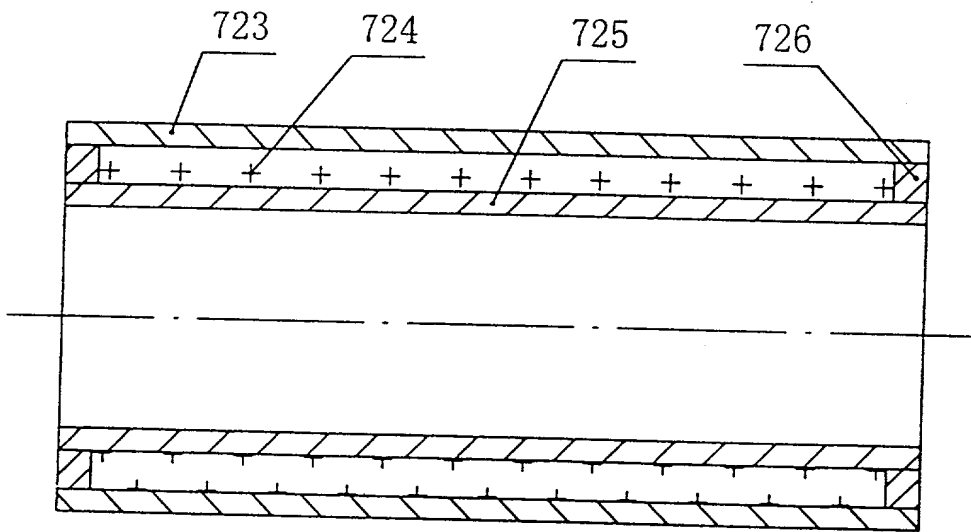


Fig. 7D

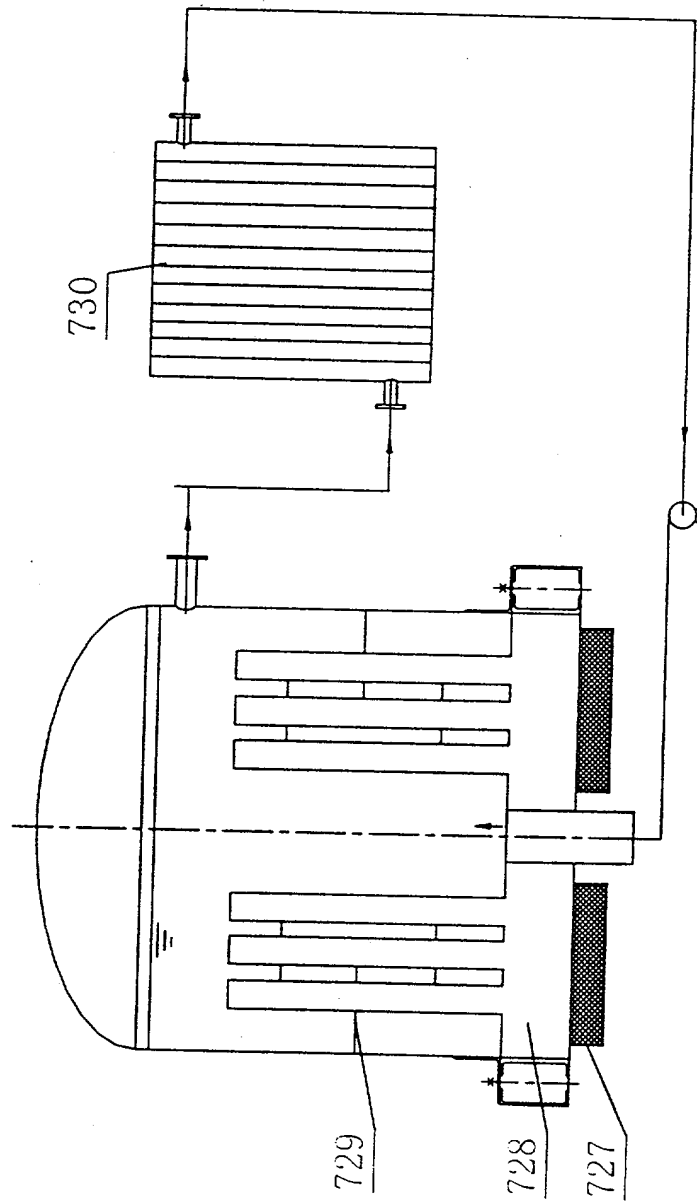


Fig. 7E

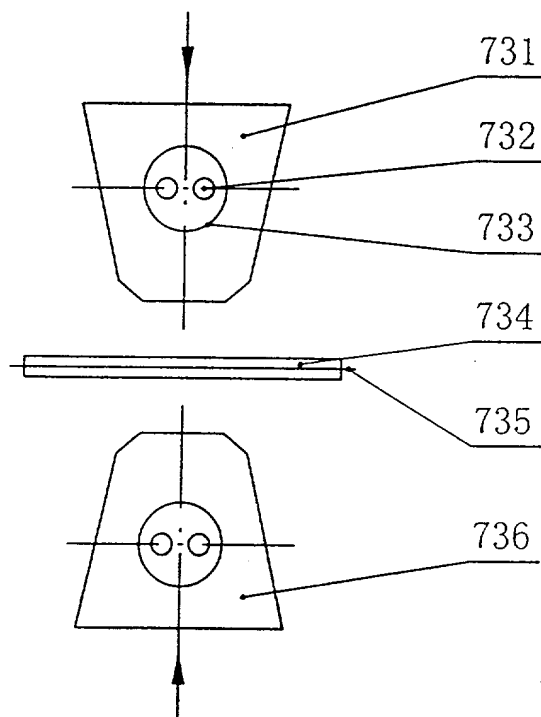


Fig. 7F

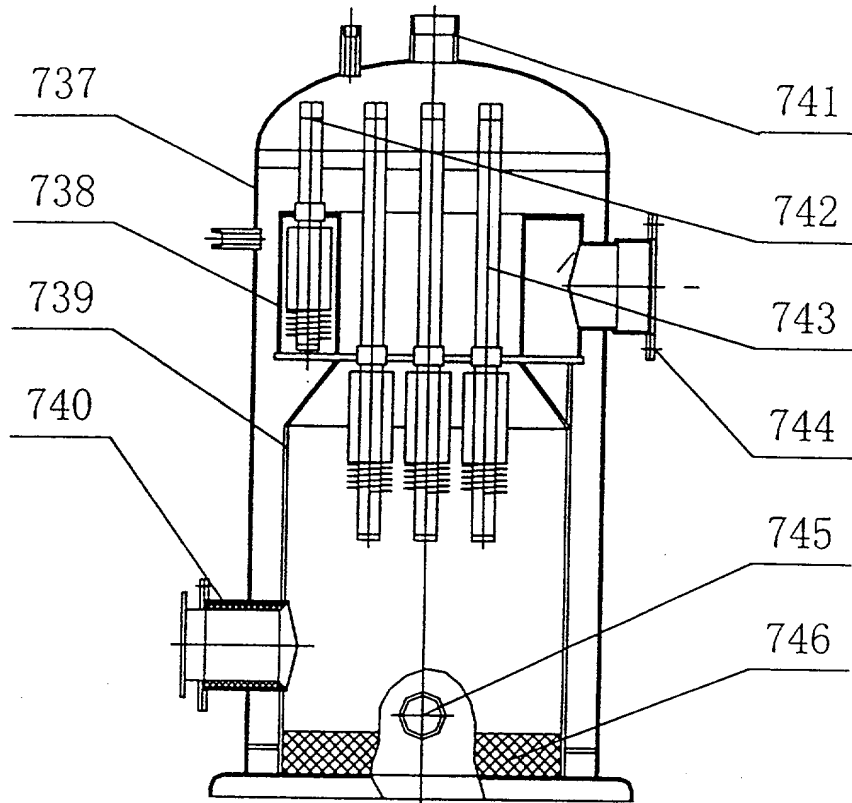


Fig. 7G

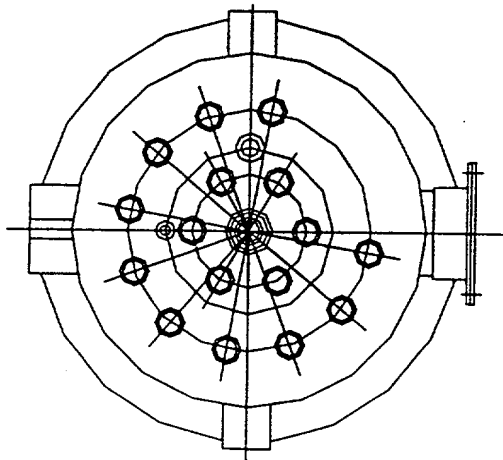


Fig. 7H

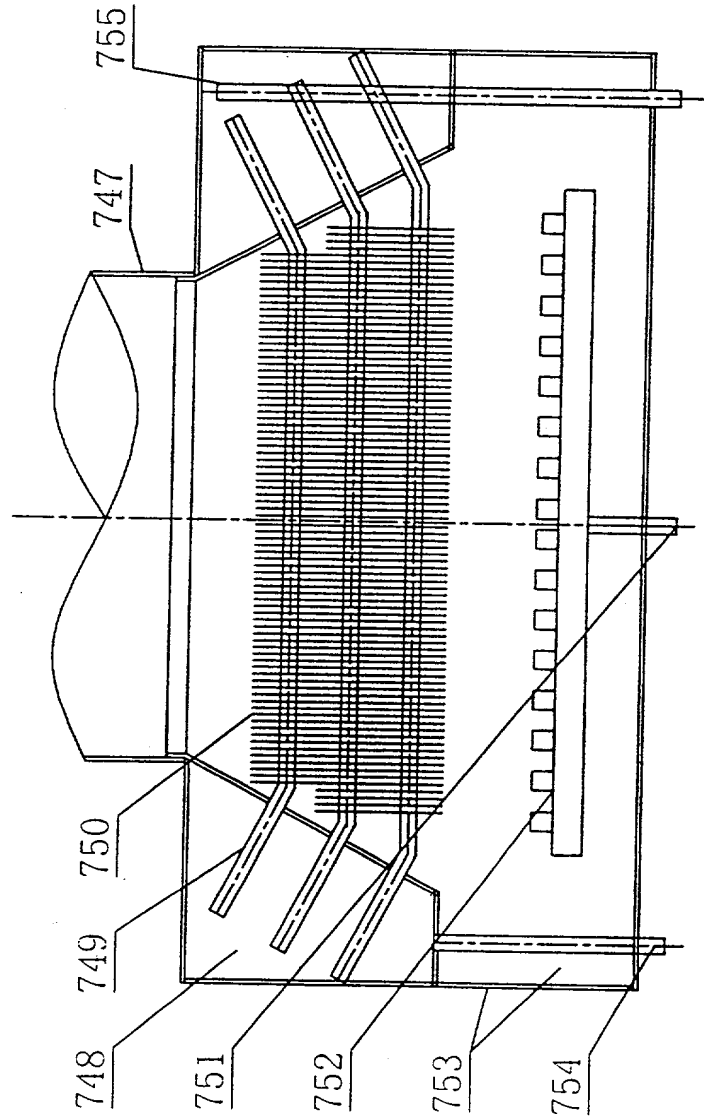


Fig. 7I

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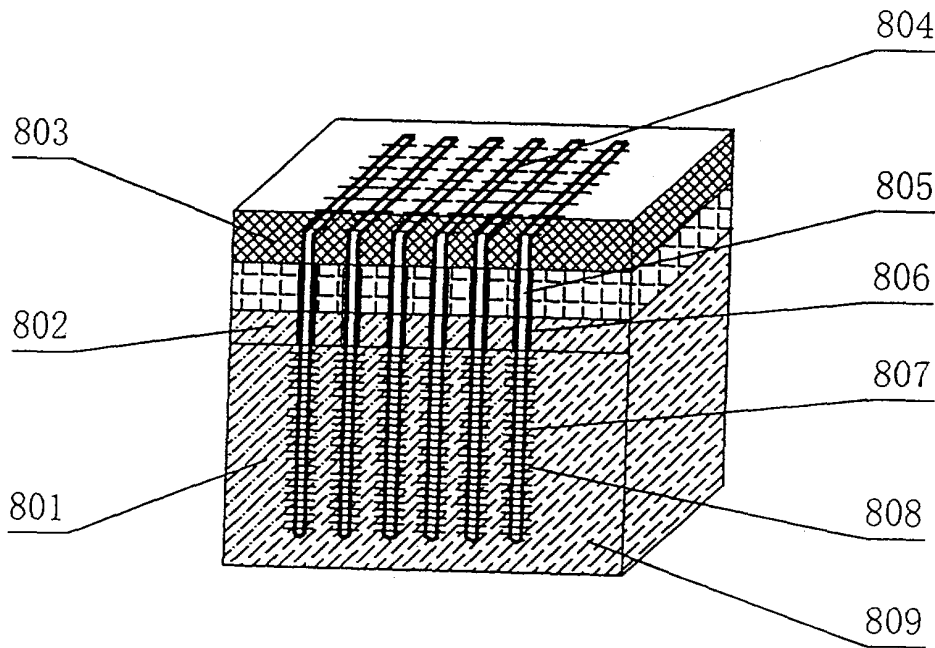


Fig. 8A

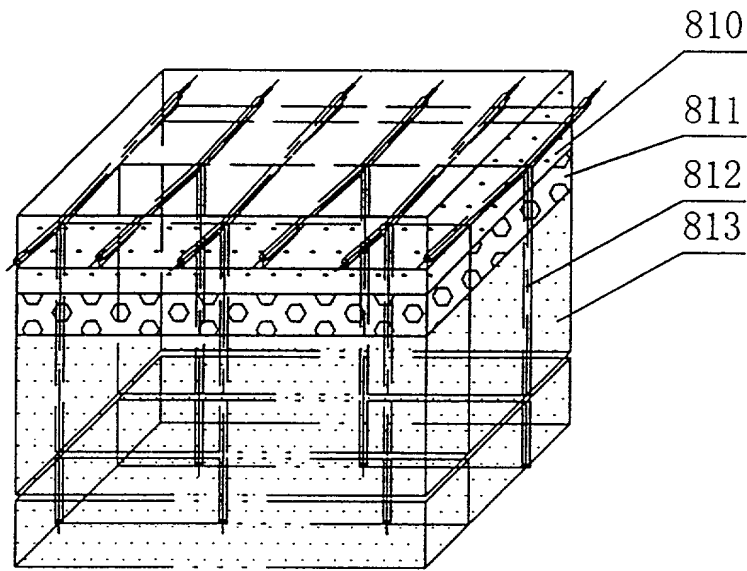


Fig. 8B



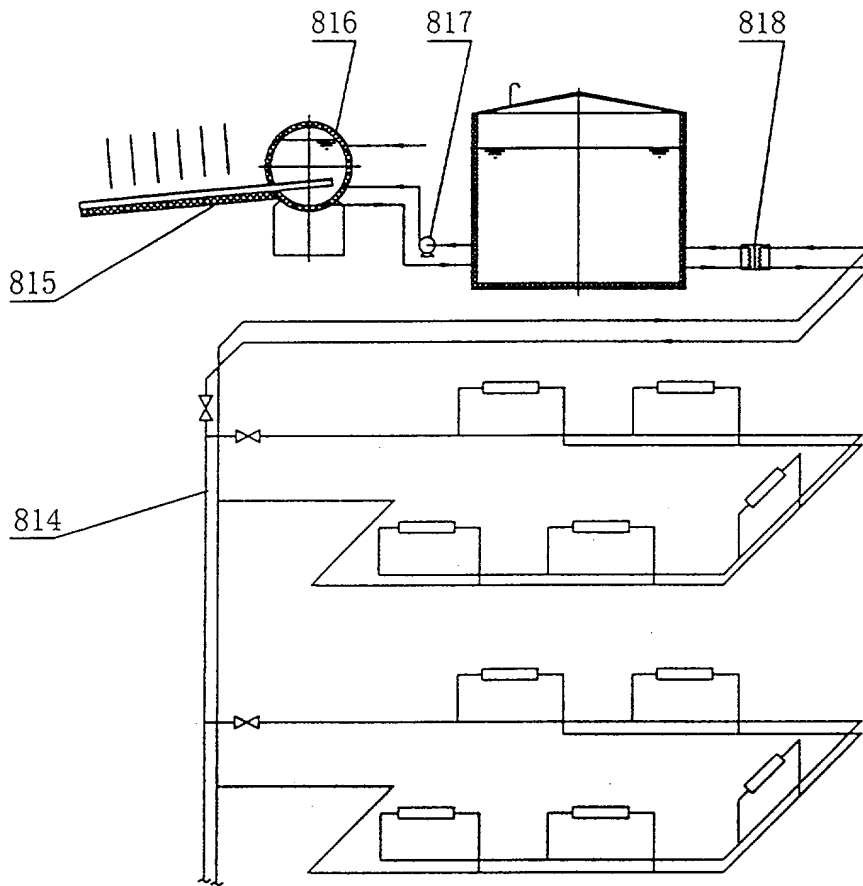
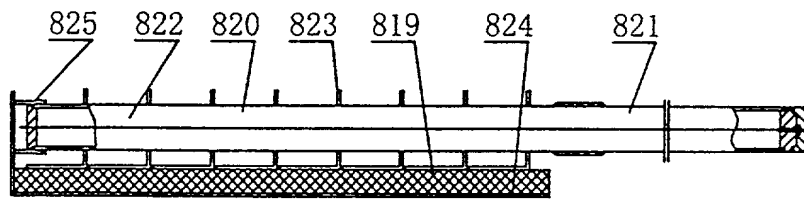
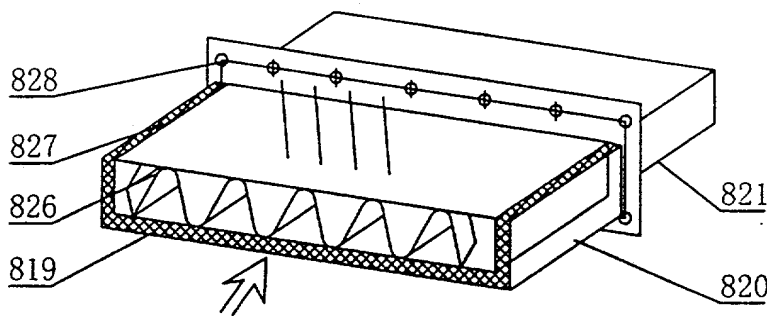


Fig. 8C



(a)



(b)

Fig. 8D

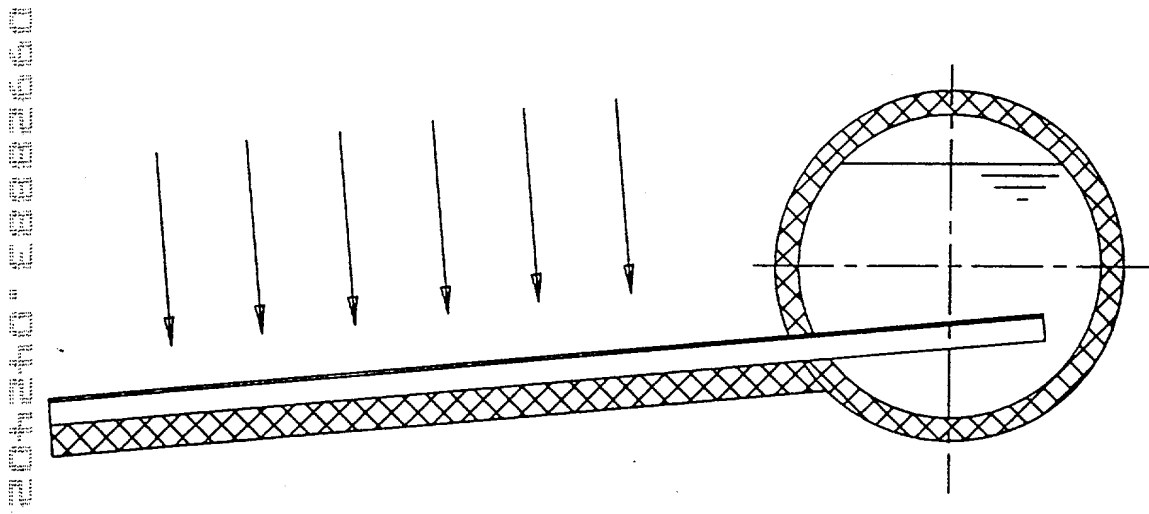


Fig. 8E

designed channel

designed channel

Diagram showing a channel with a central valve (represented by two triangles meeting at a point) and two sections labeled "designed channel".

Fig. 8G

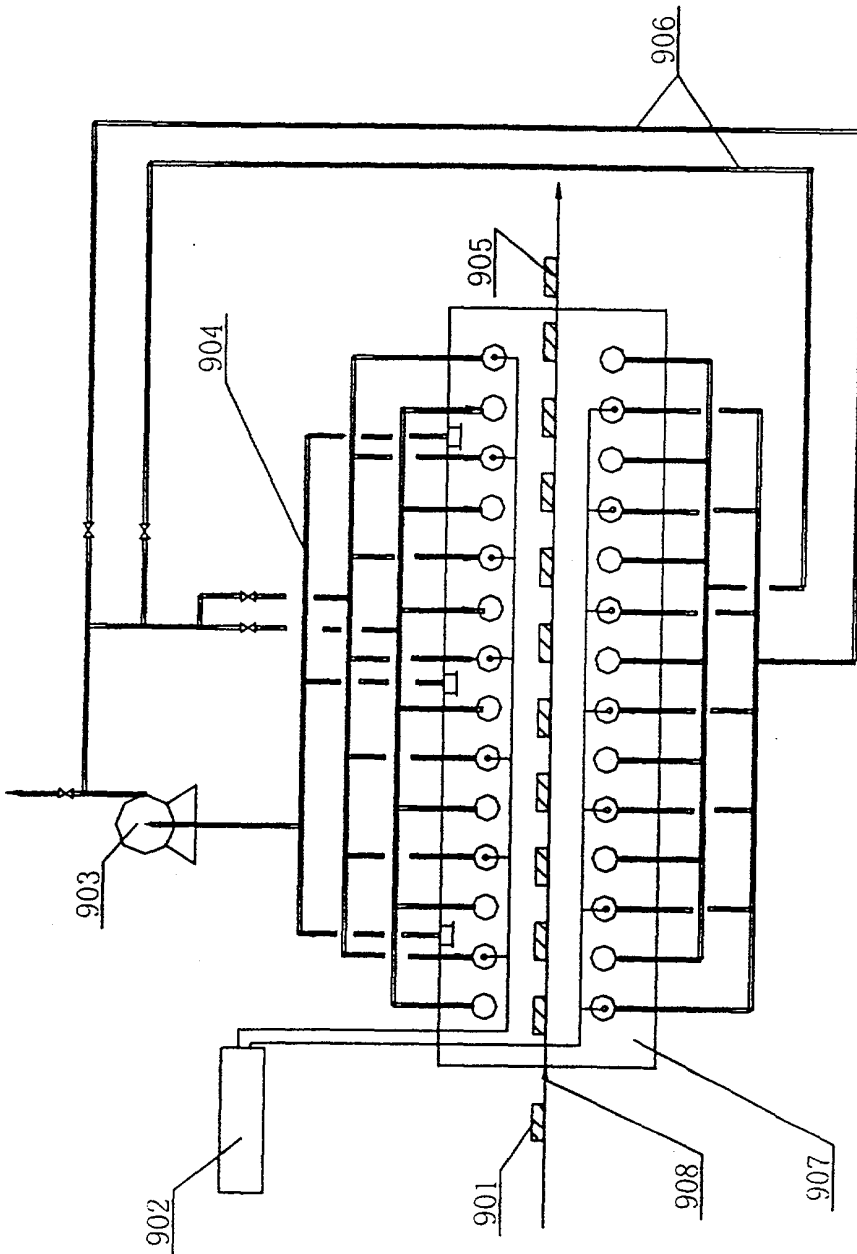


Fig. 9A

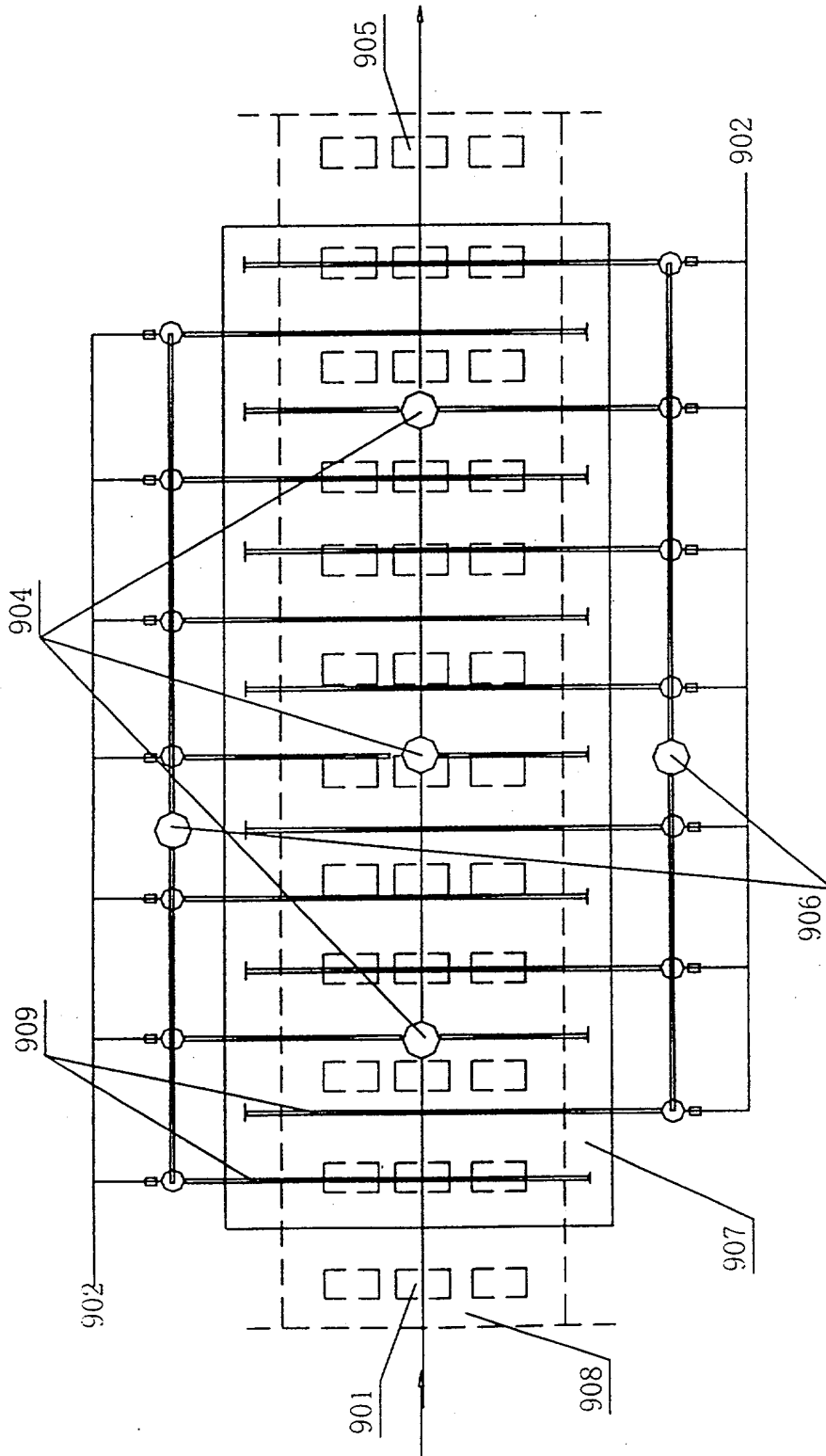


Fig. 9B

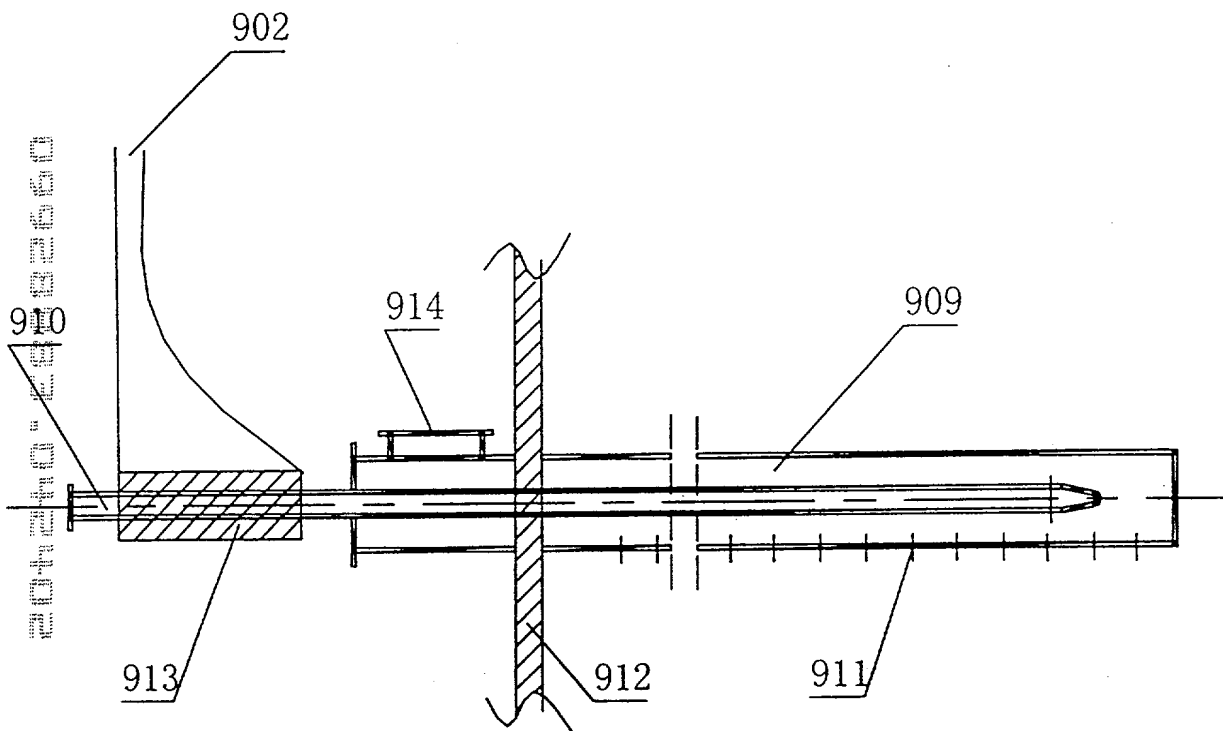


Fig. 9C

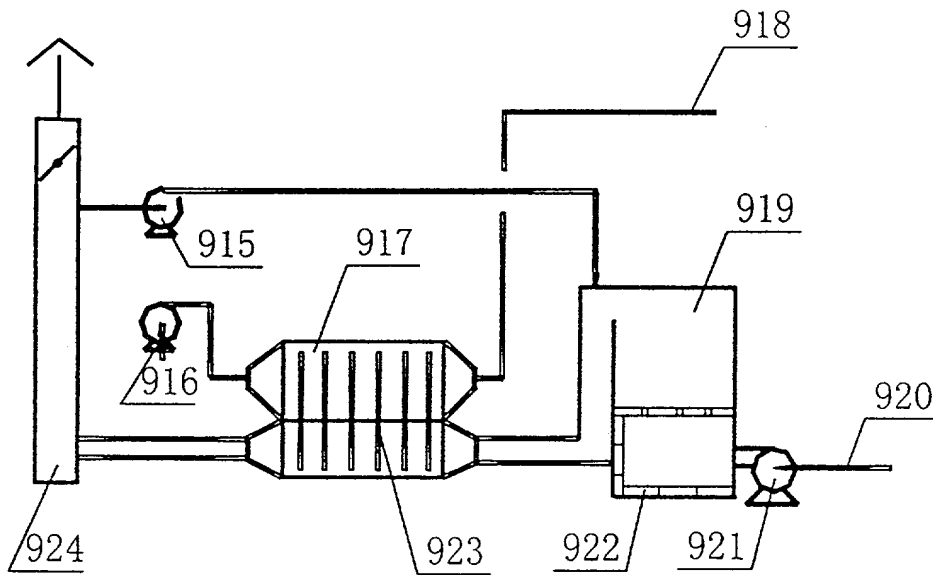


Fig. 9D



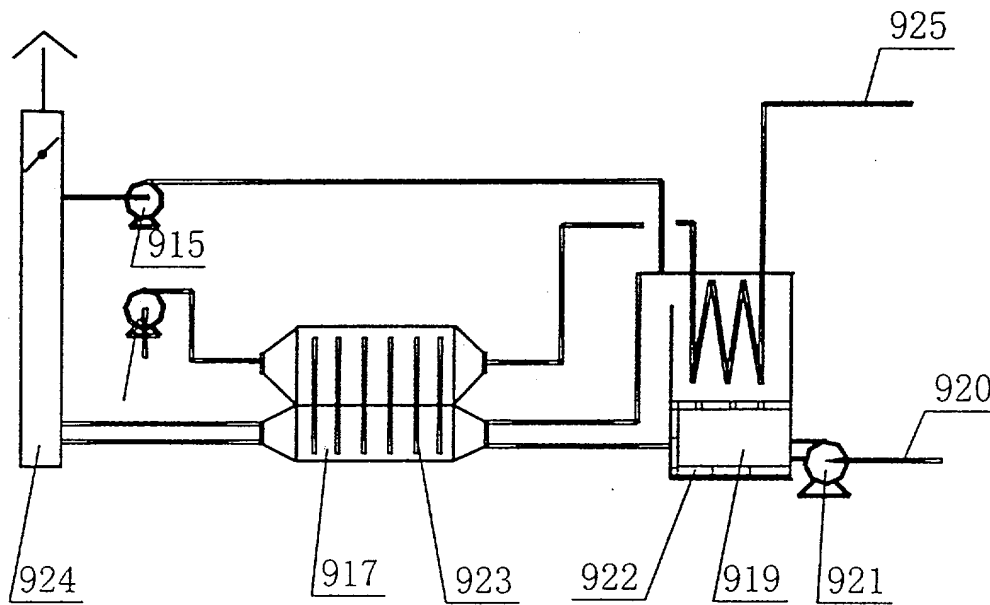


Fig. 9E

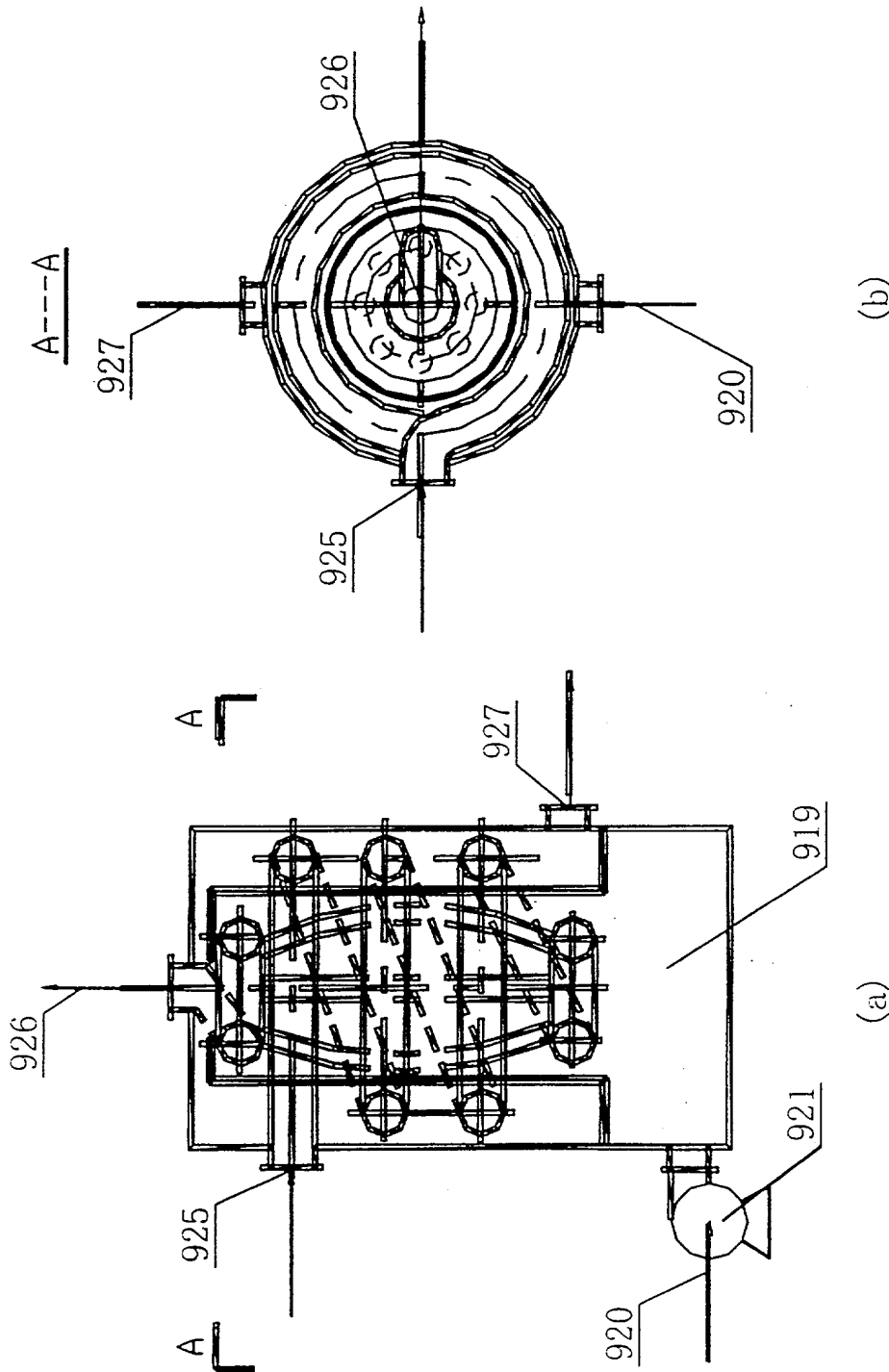


Fig. 9F

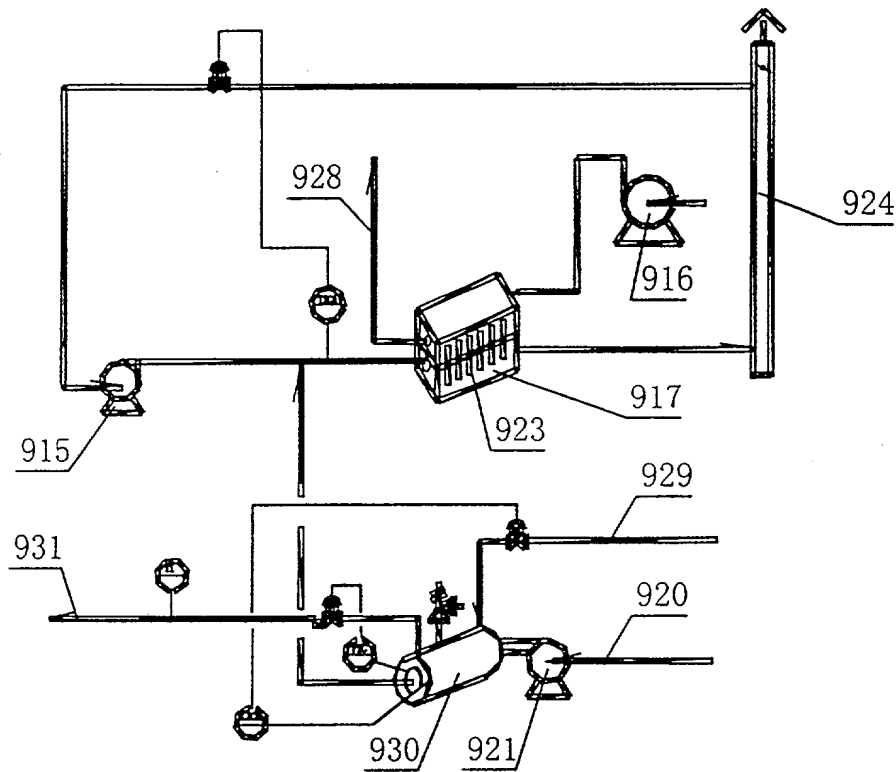


Fig. 9G

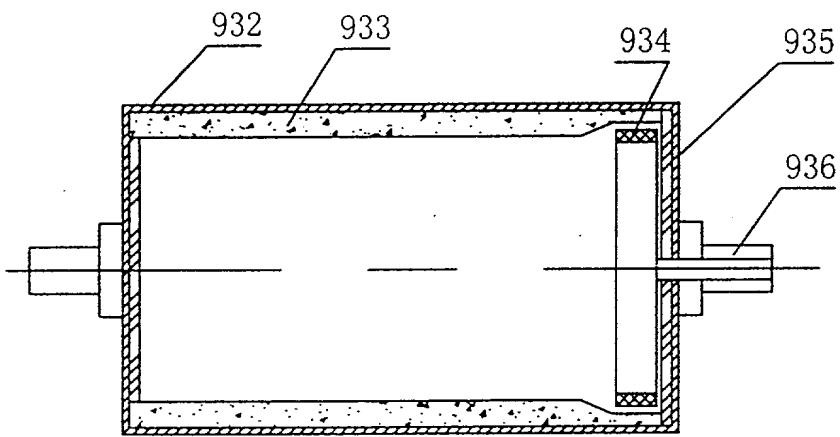
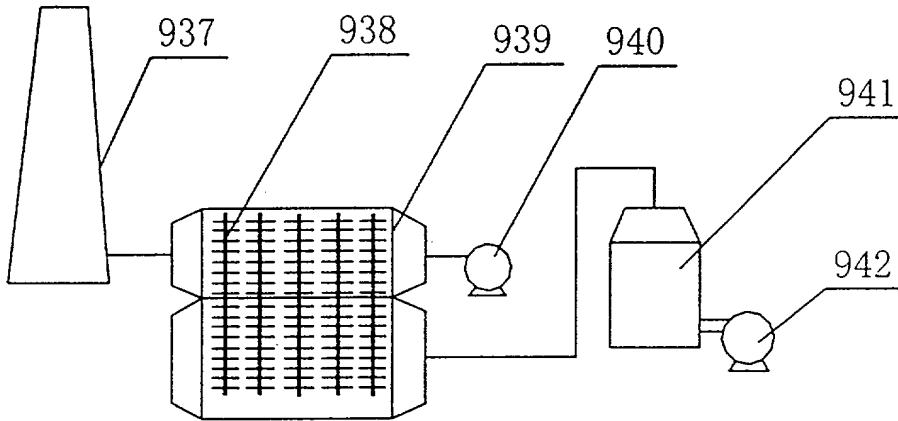


Fig. 9H



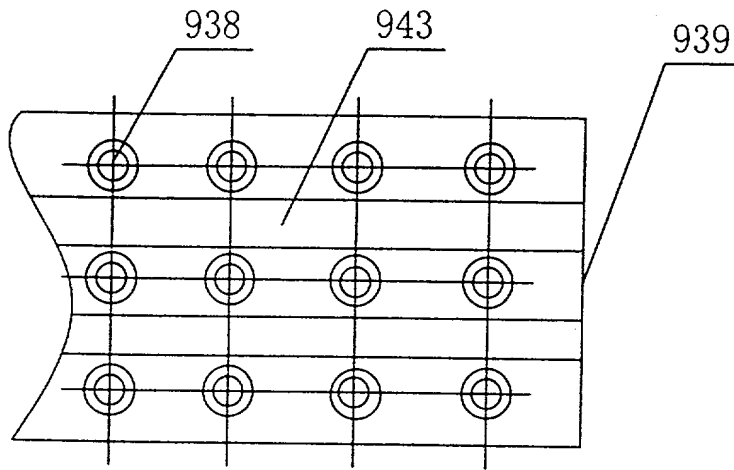


Fig. 9J

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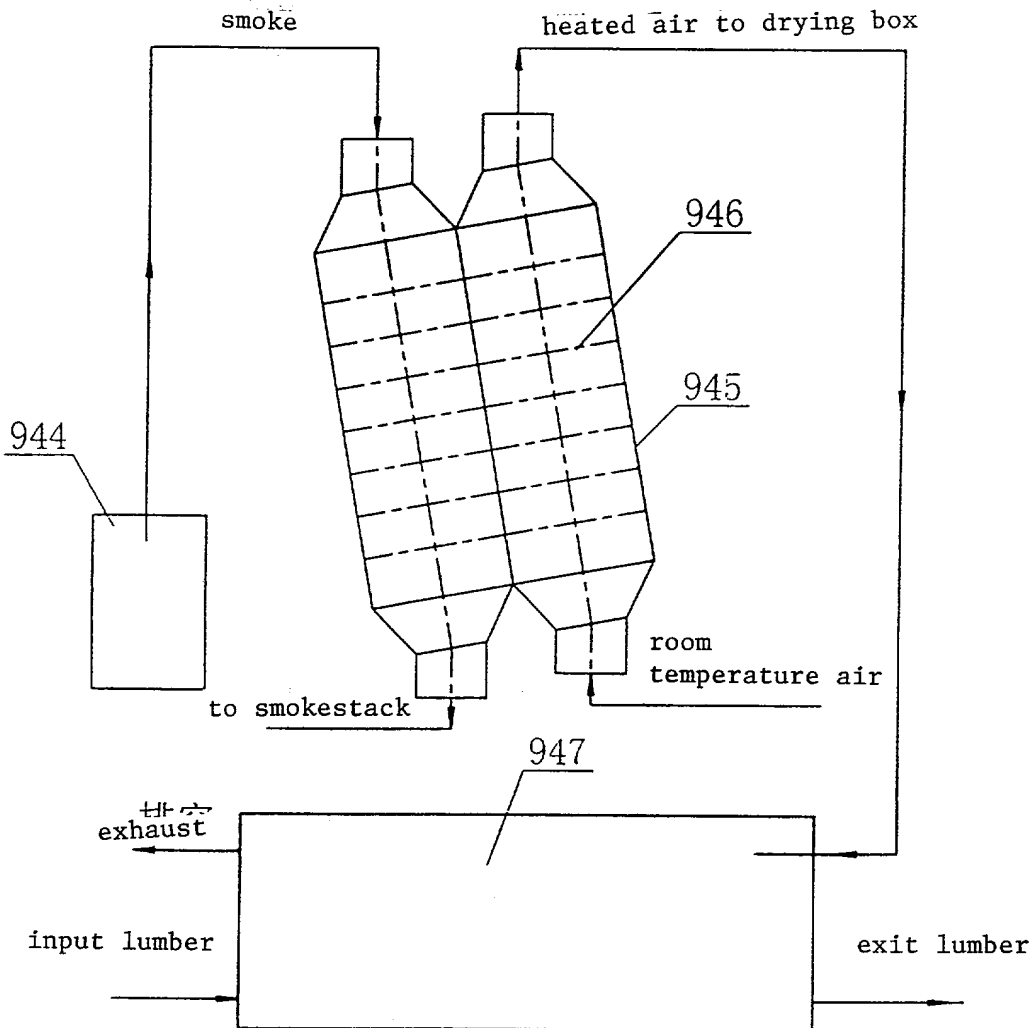


Fig. 9K

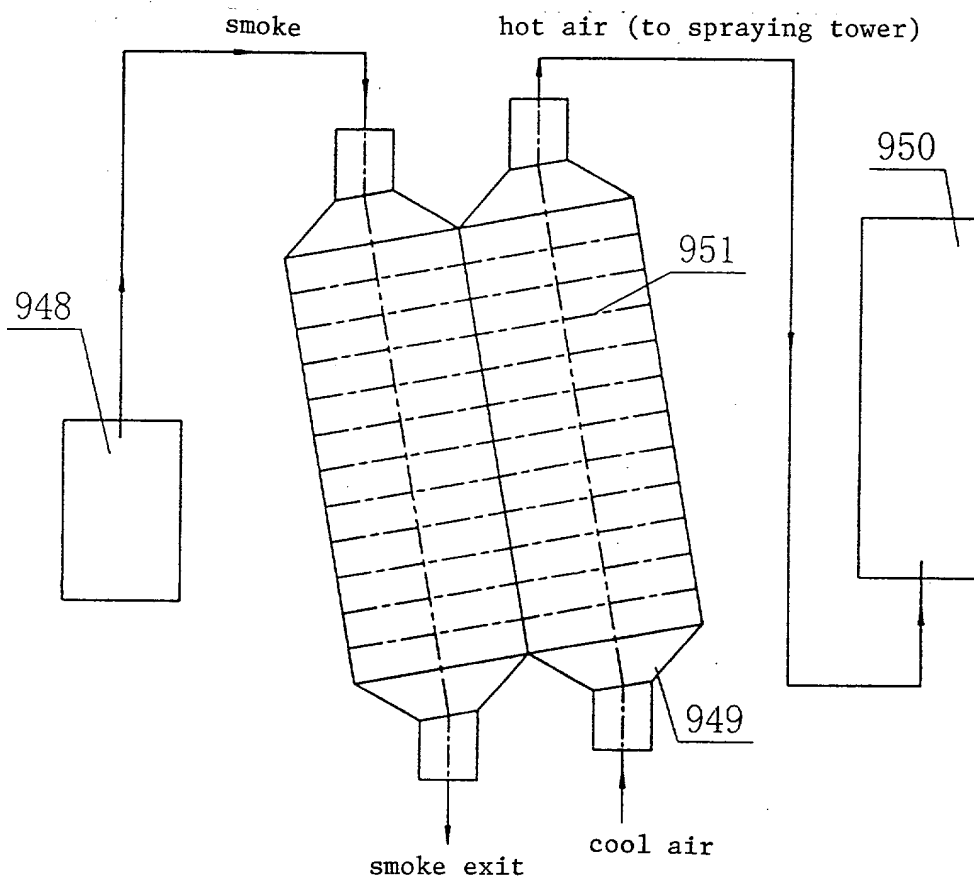


Fig. 9L



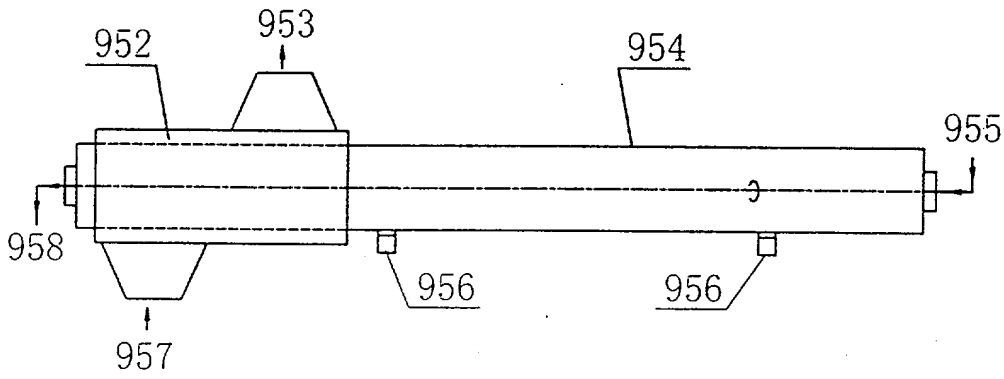


Fig. 9M

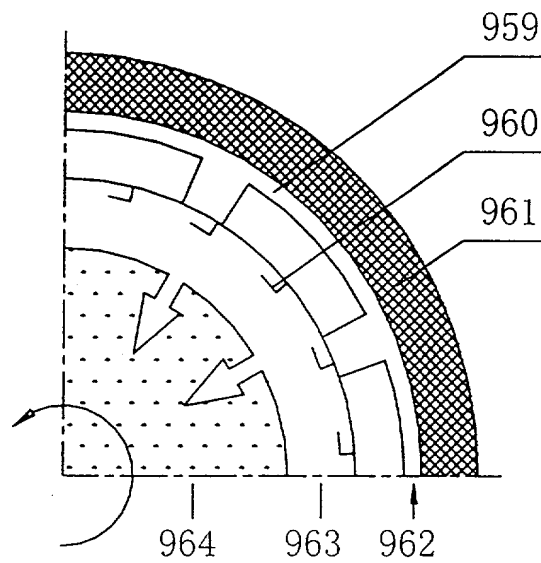


Fig. 9N

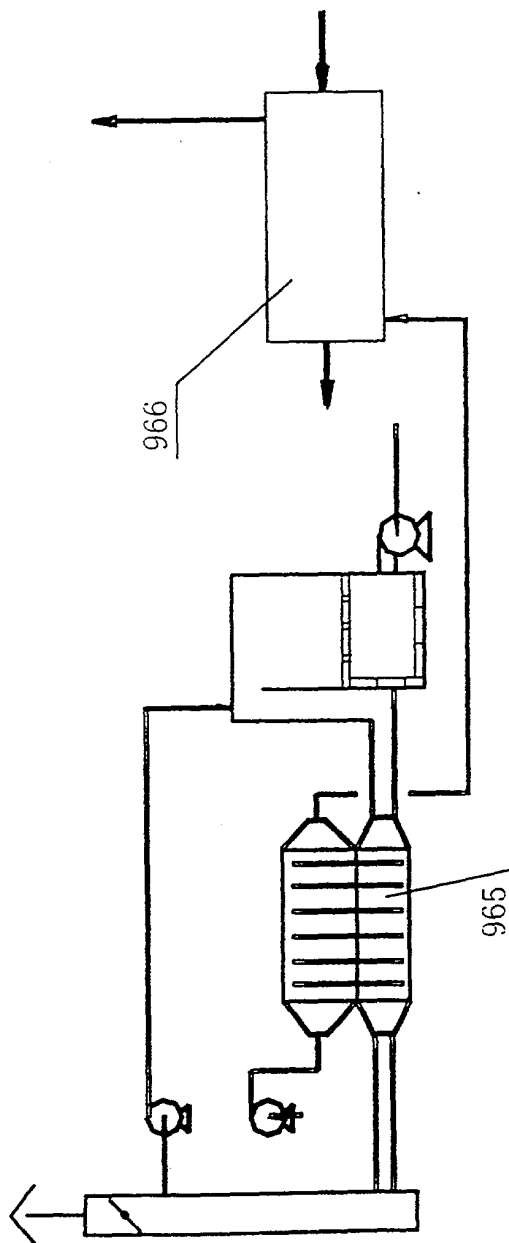


Fig. 90

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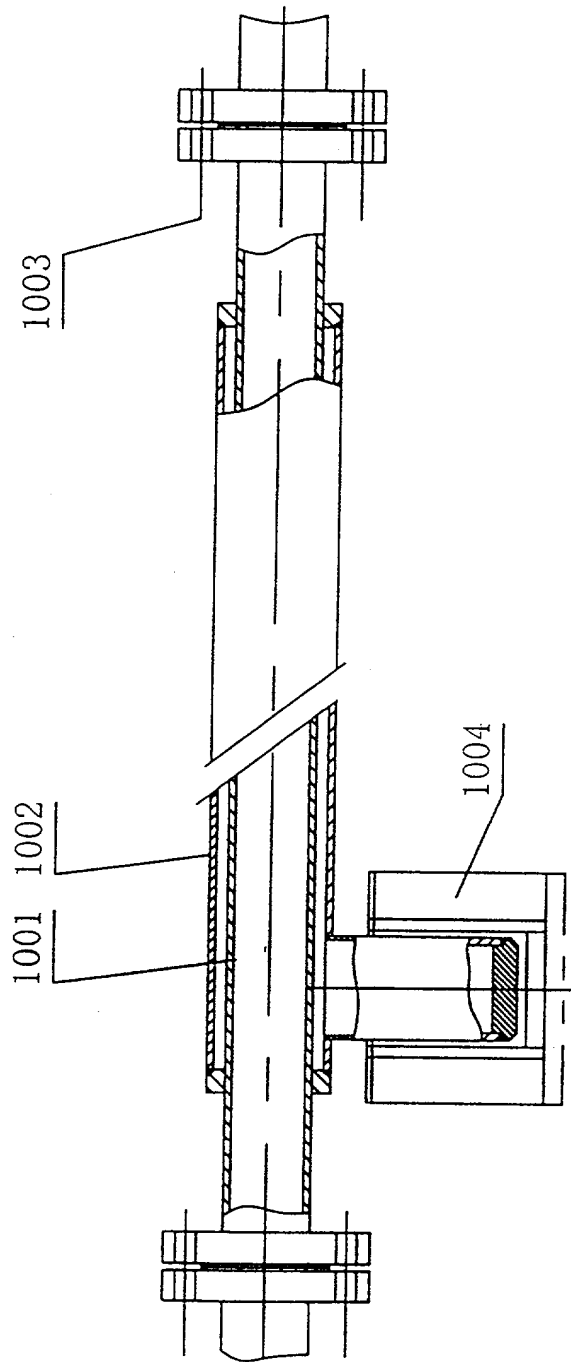


Fig. 10A

[illegible]

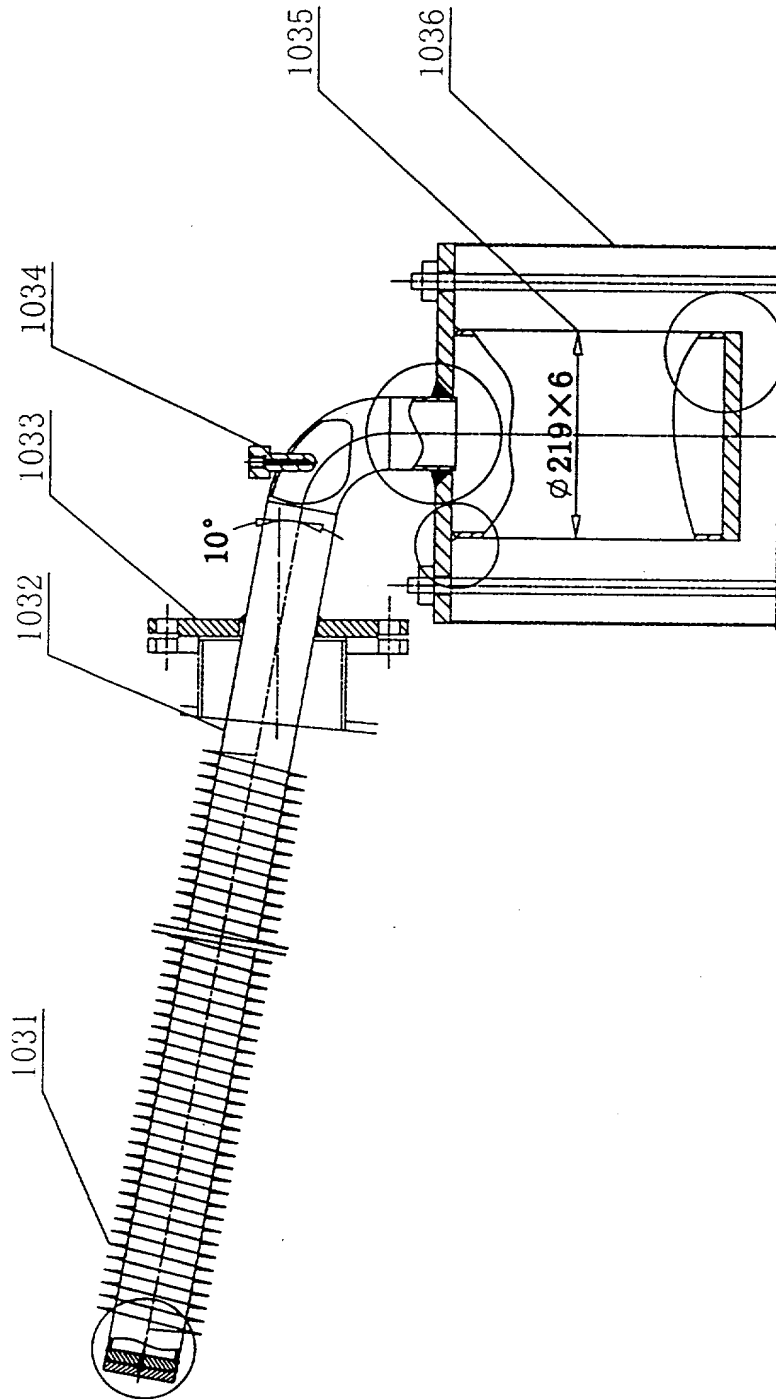


Fig. 10C

2014210\*68832660

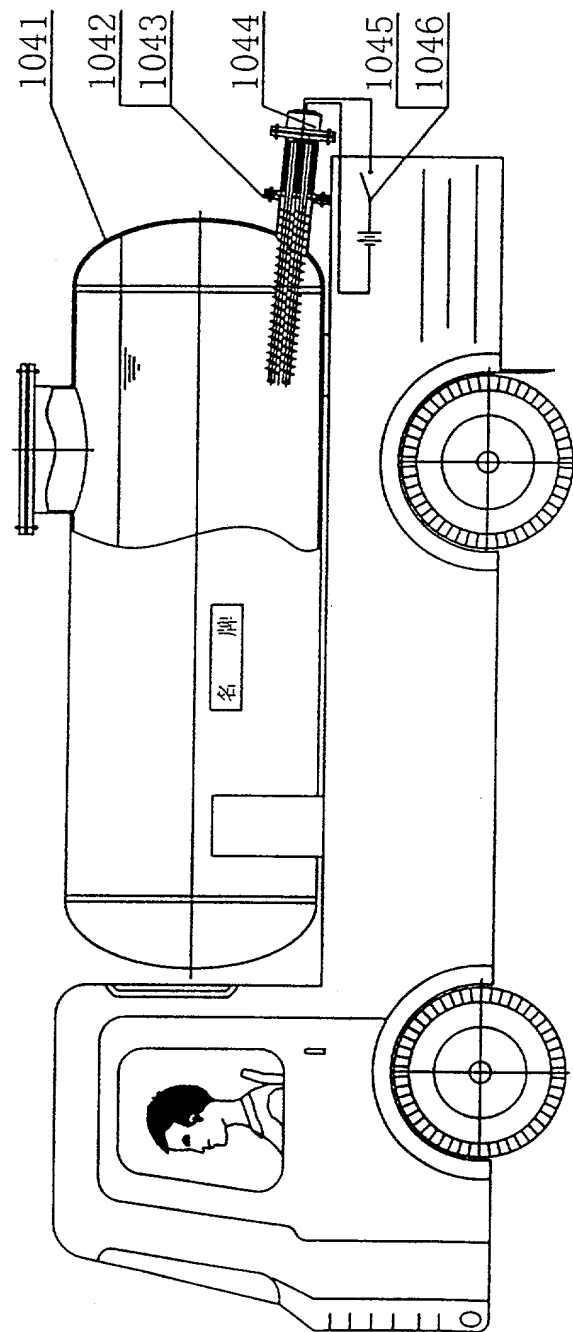


Fig. 10D

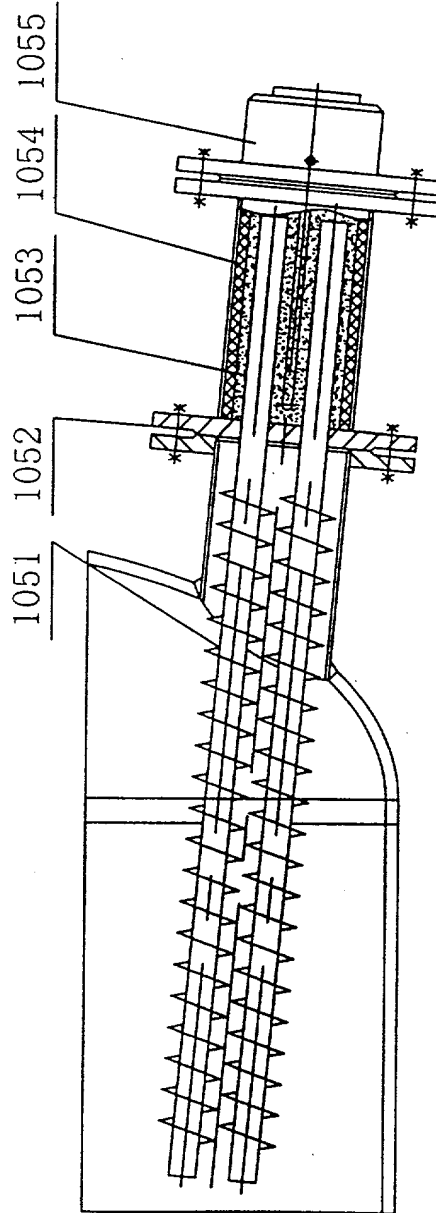


Fig. 10E



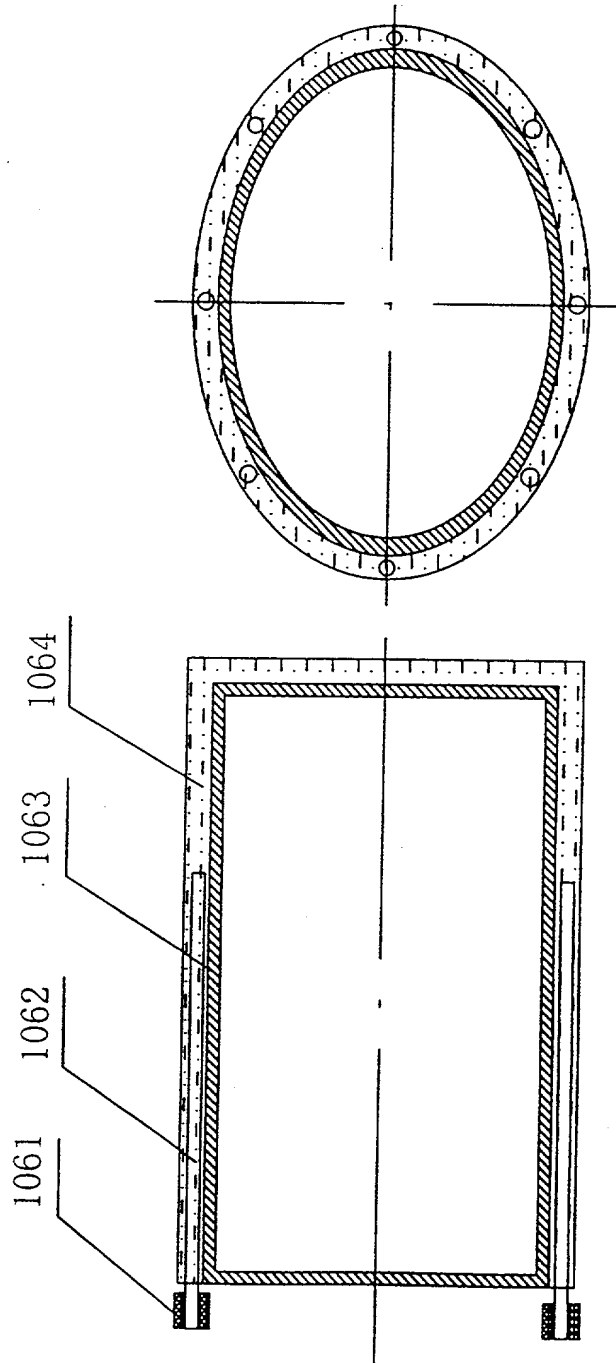


Fig. 10G

Fig. 10F

201240" 0882660

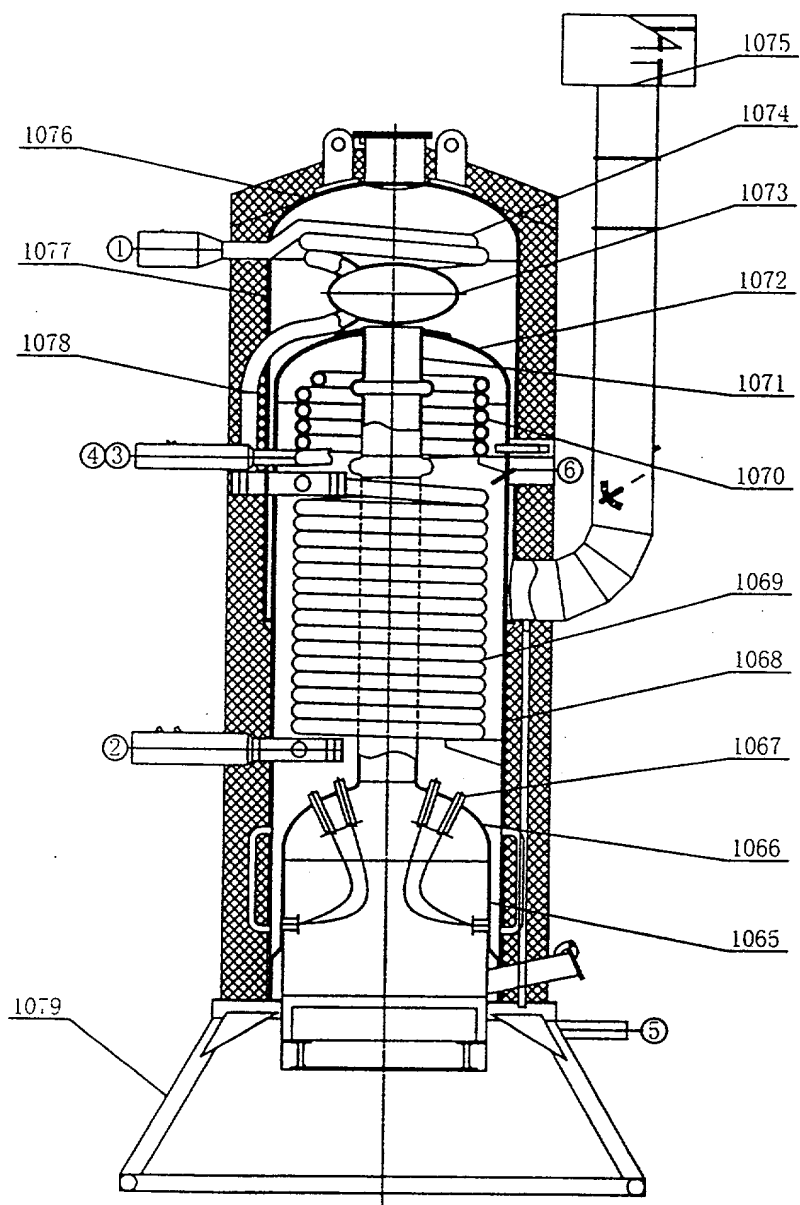


Fig. 10H

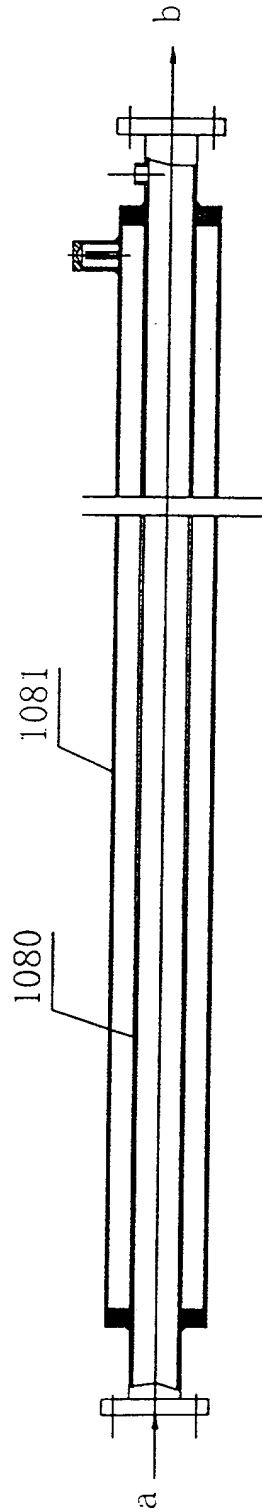


Fig. 10I

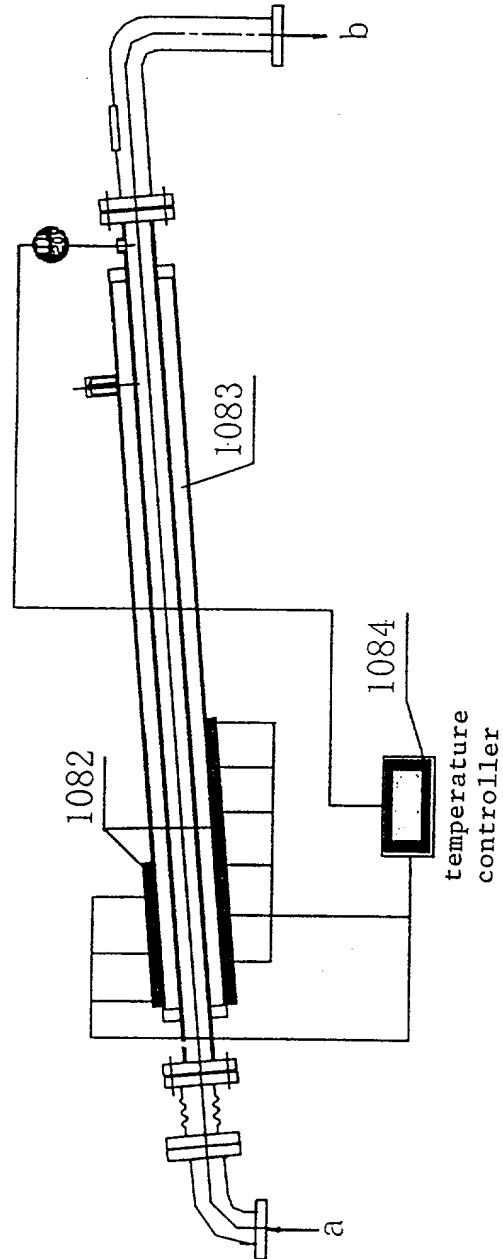


Fig. 10J

20141019 00000000

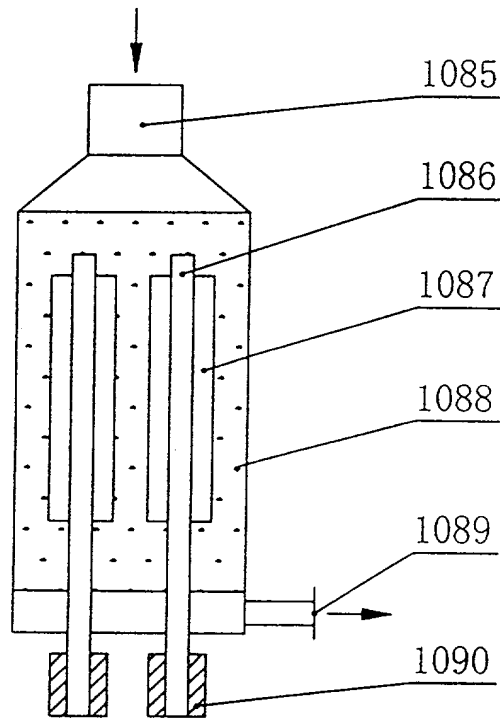


Fig. 10K

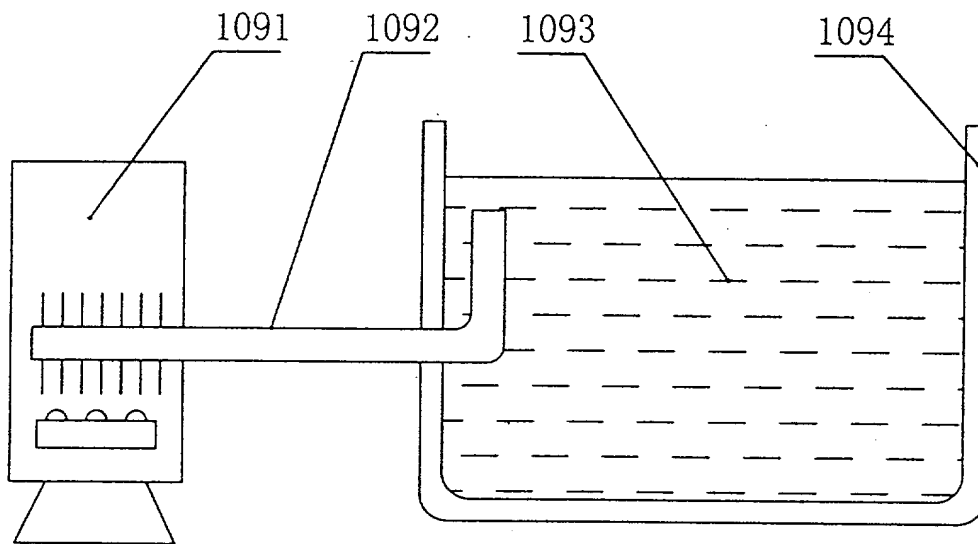


Fig. 10L

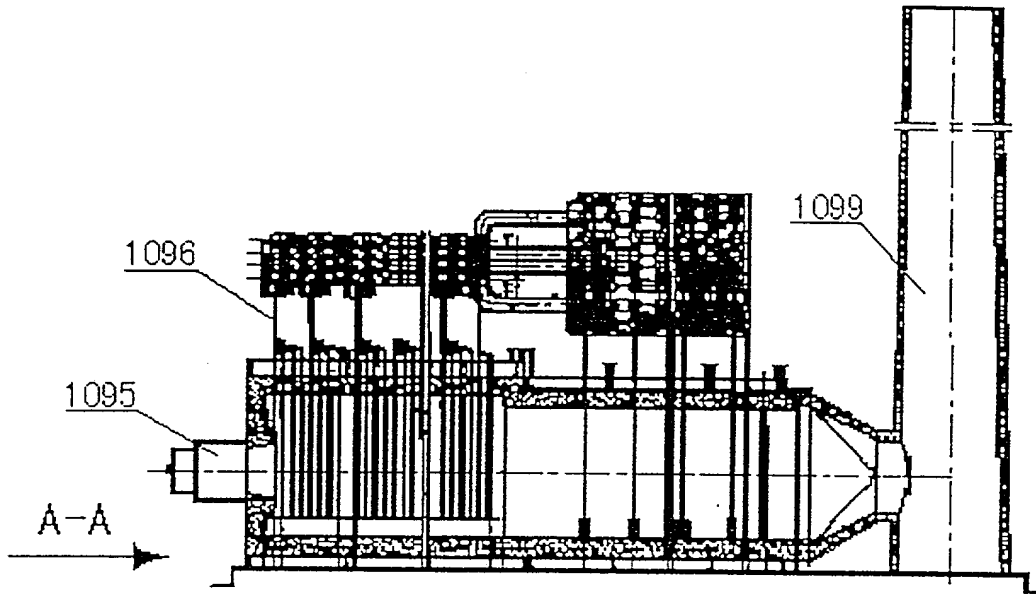


Fig. 10M

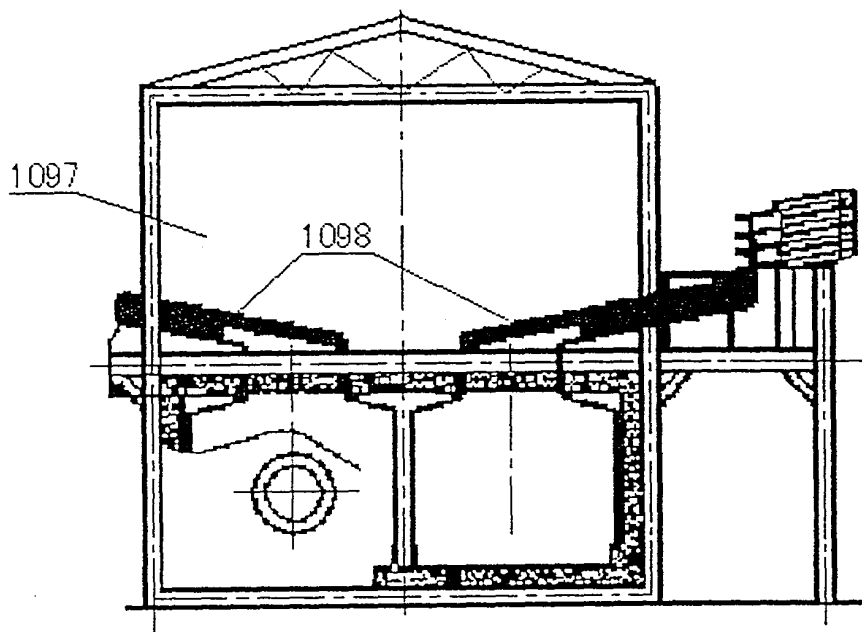


Fig. 10N



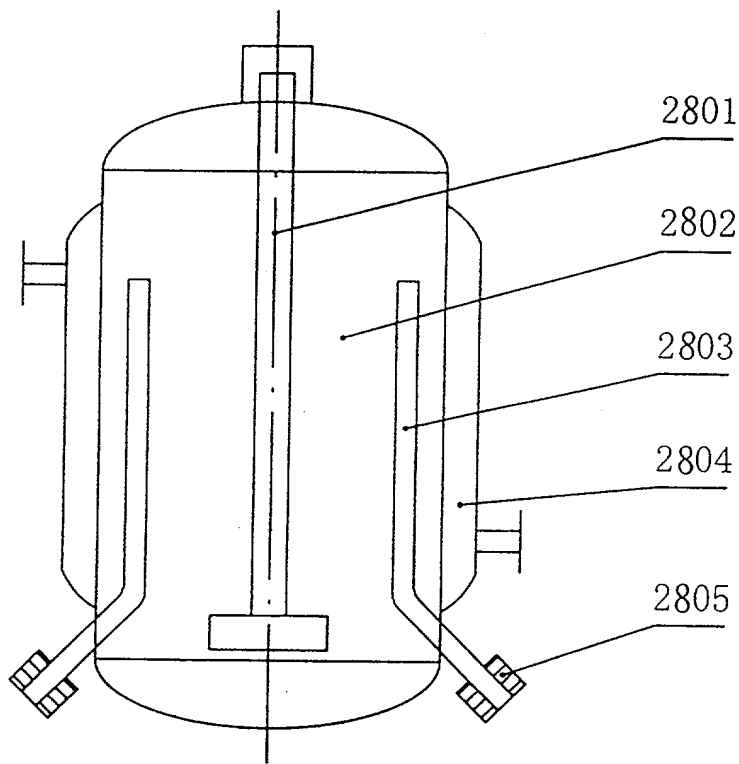


Fig. 10 O

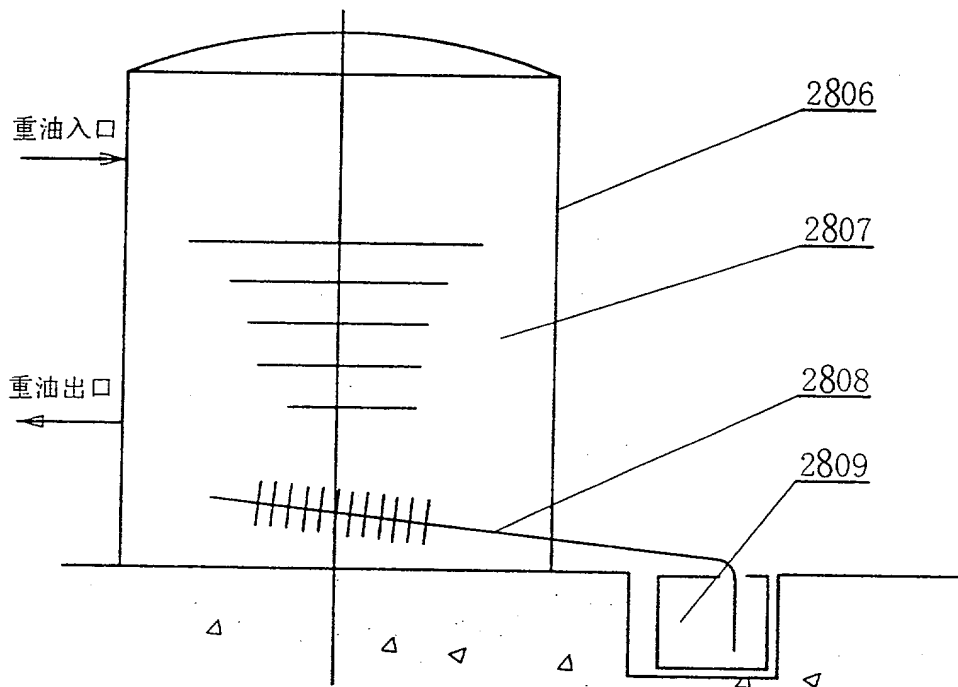


Fig. 10P

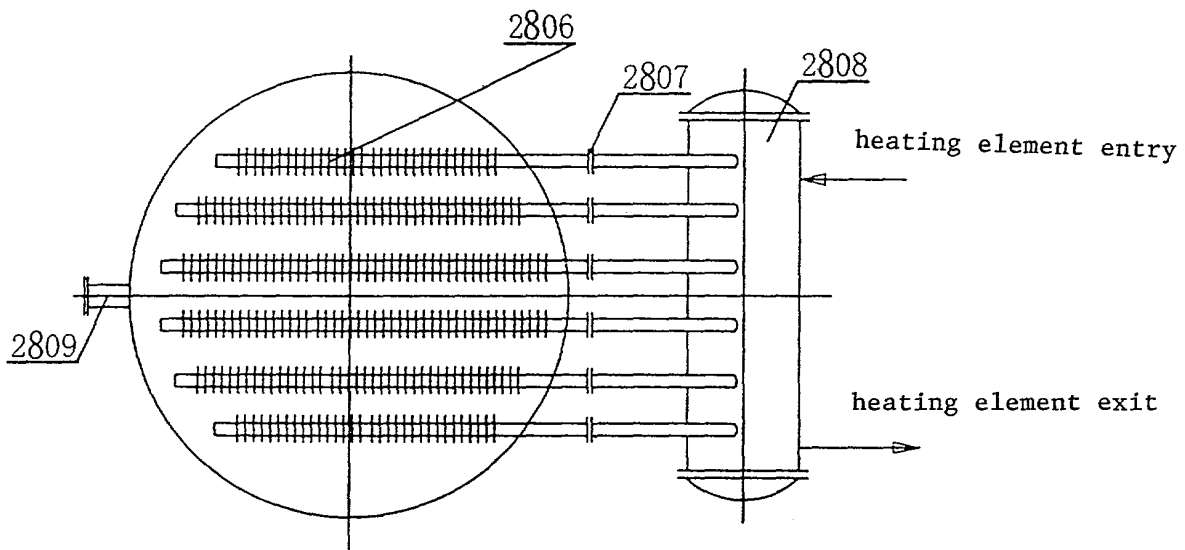


Fig. 10Q

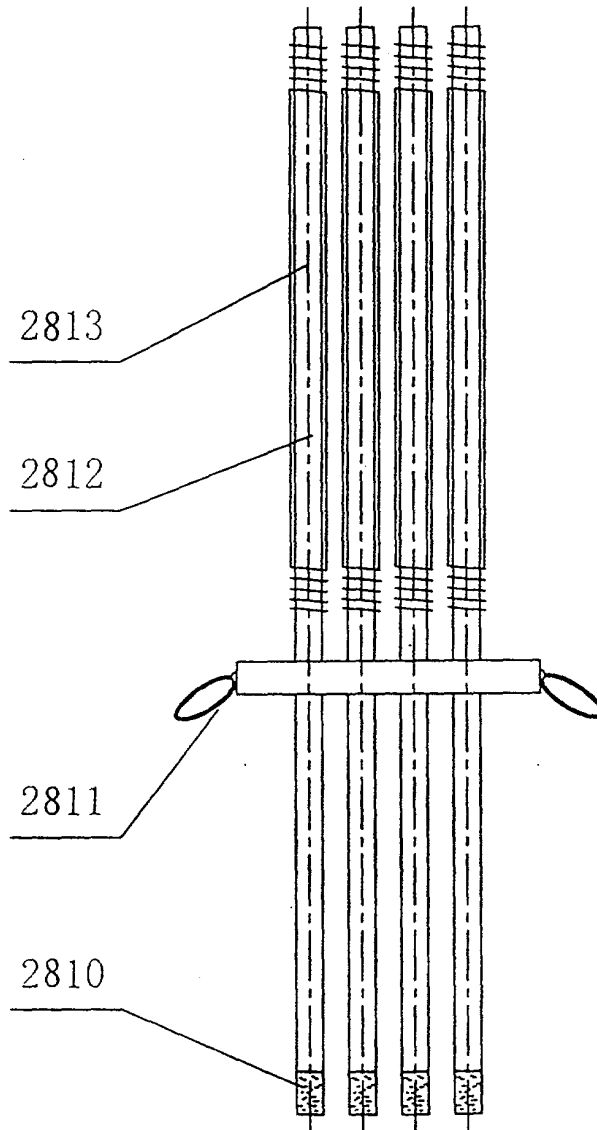


Fig. 10R

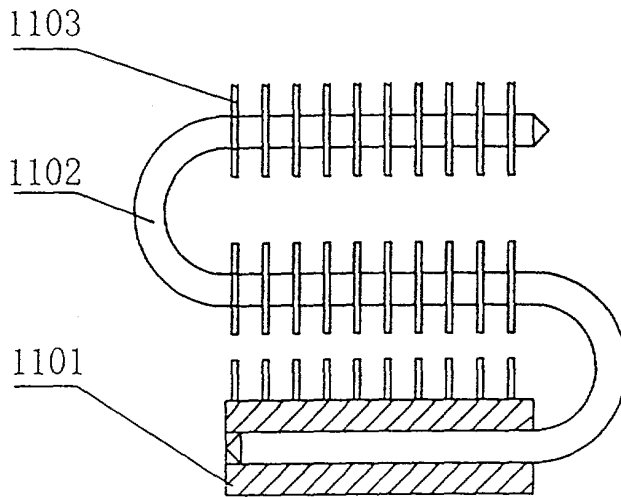


Fig. 11A

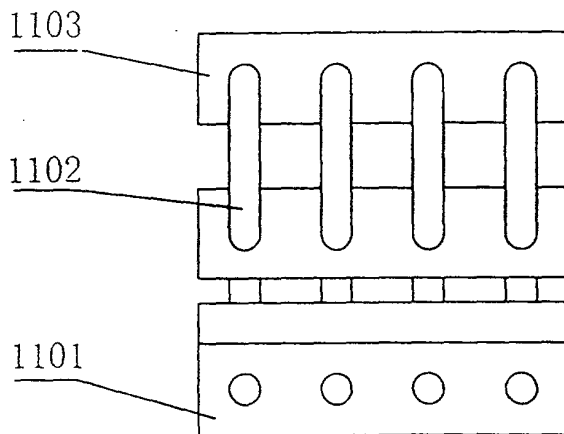


Fig. 11B

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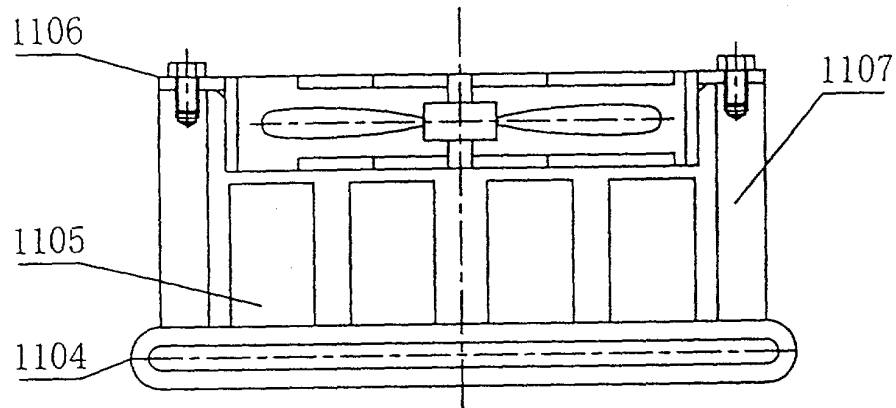


Fig. 11C

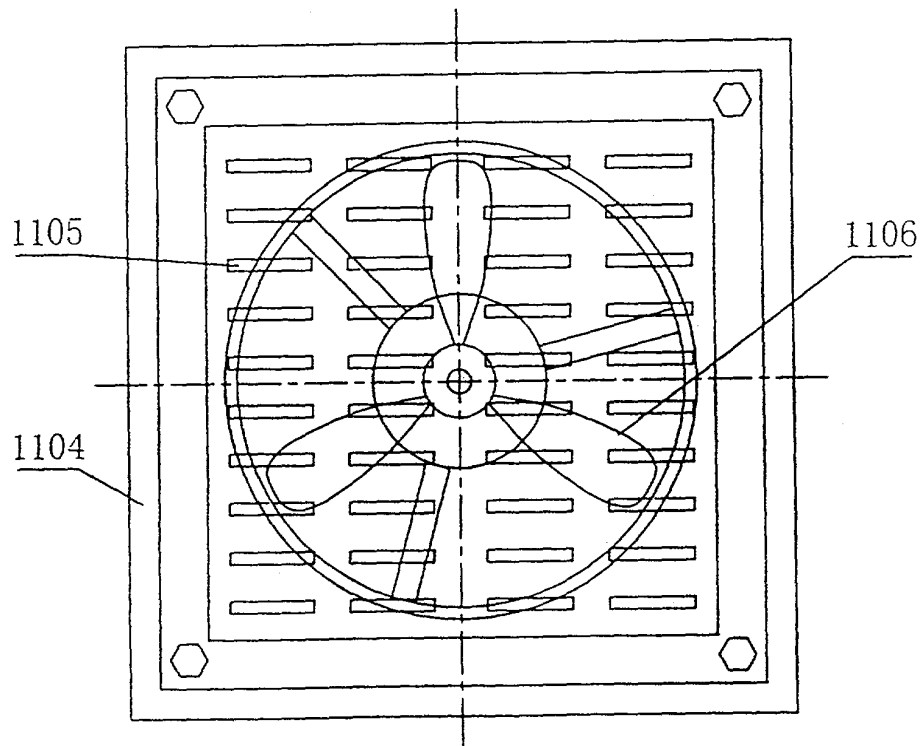


Fig. 11D

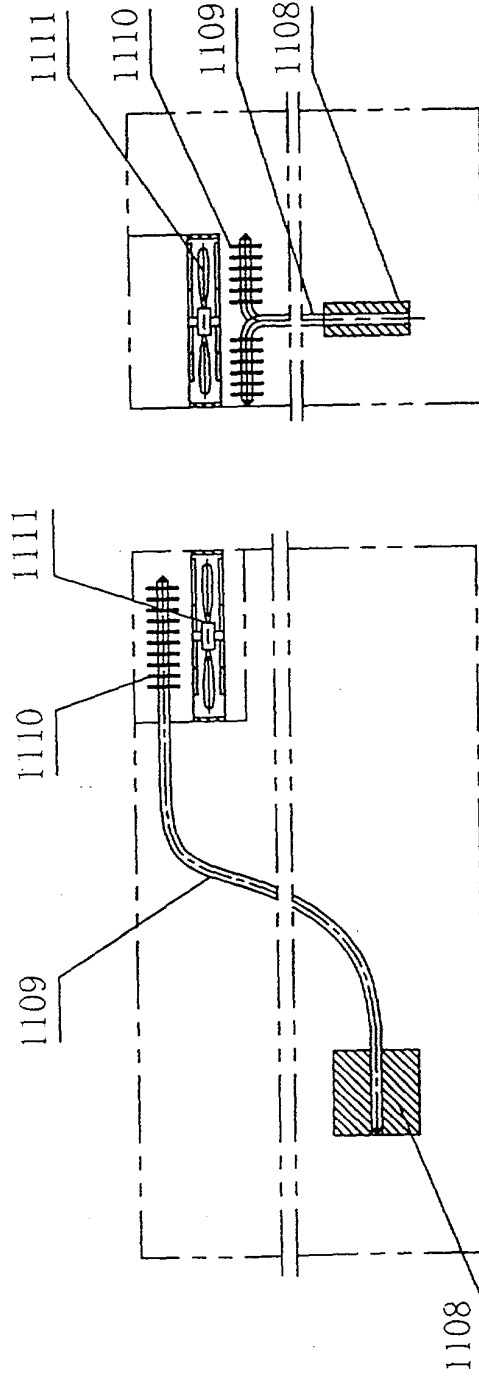


Fig. 11F

Fig. 11E

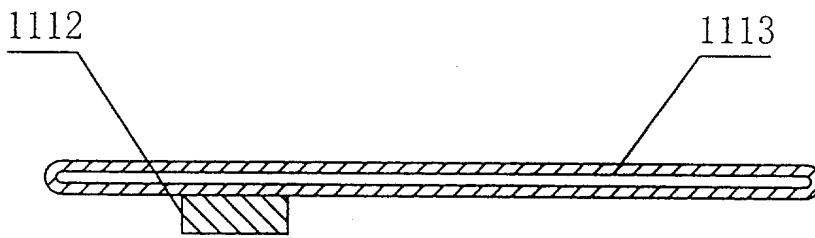


Fig. 11G

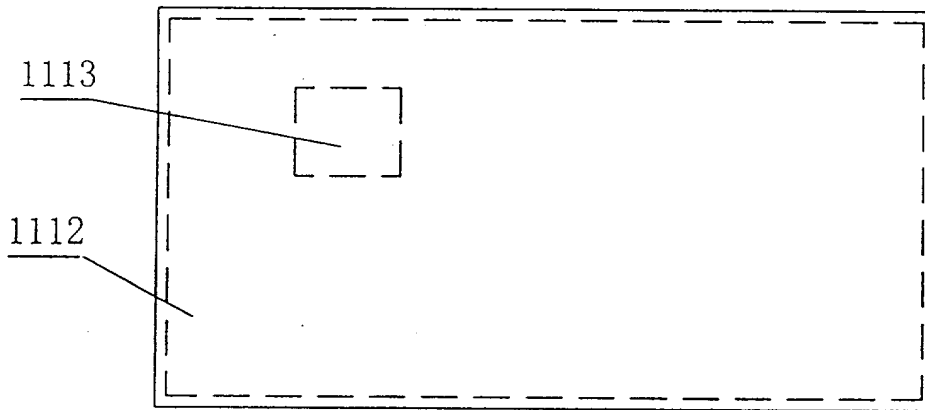


Fig. 11H

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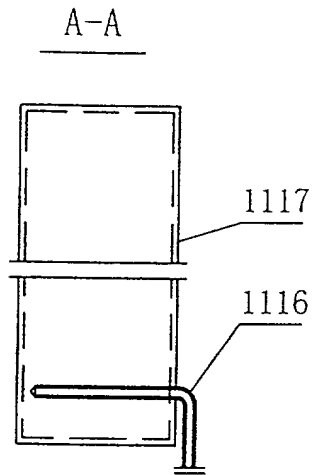


Fig. 11J

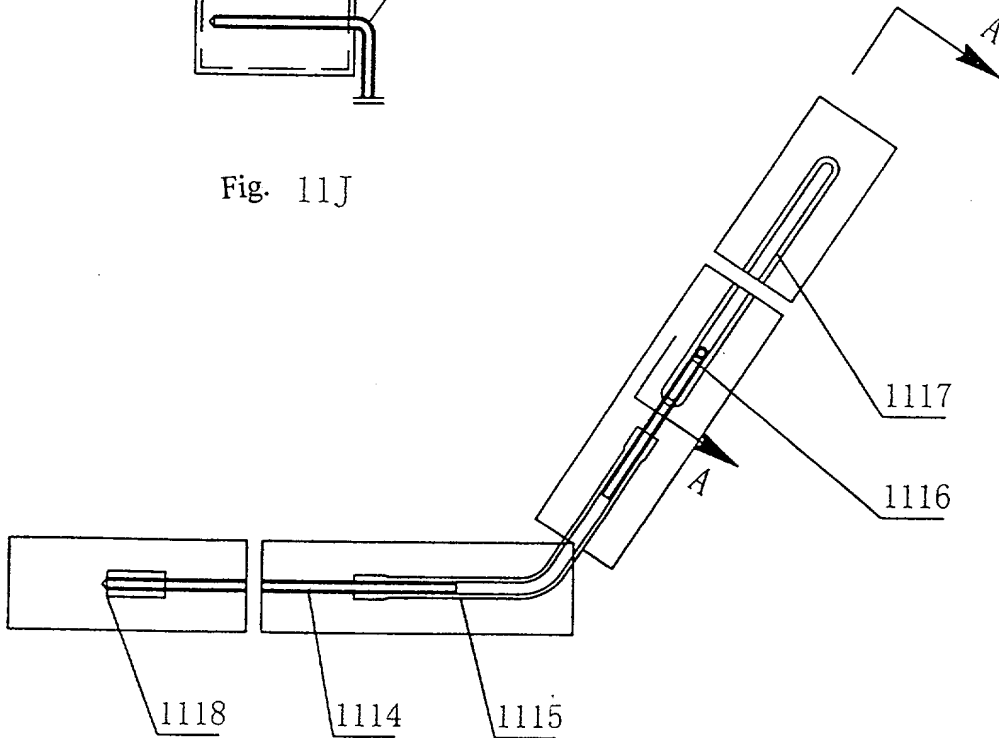
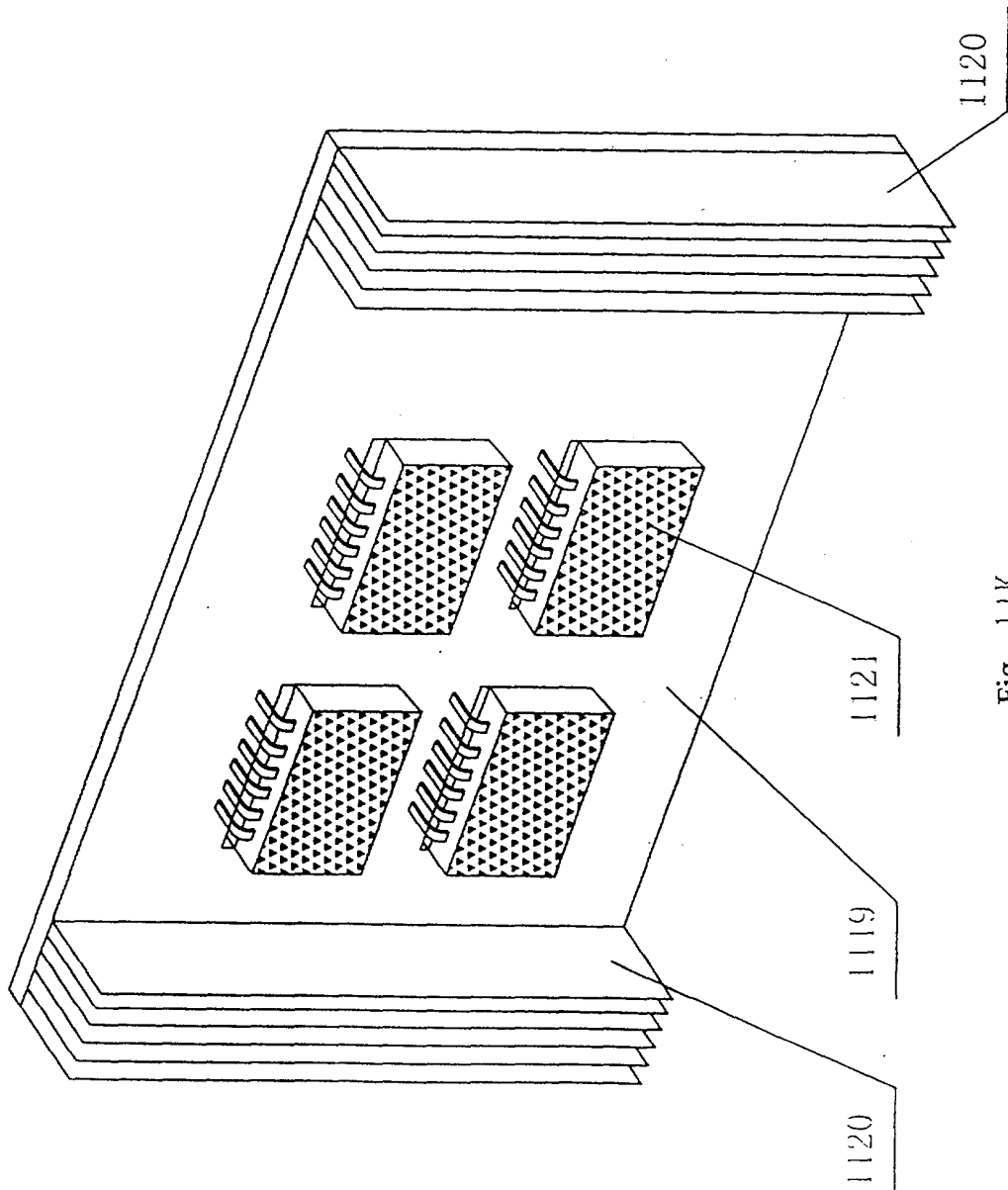


Fig. 11I



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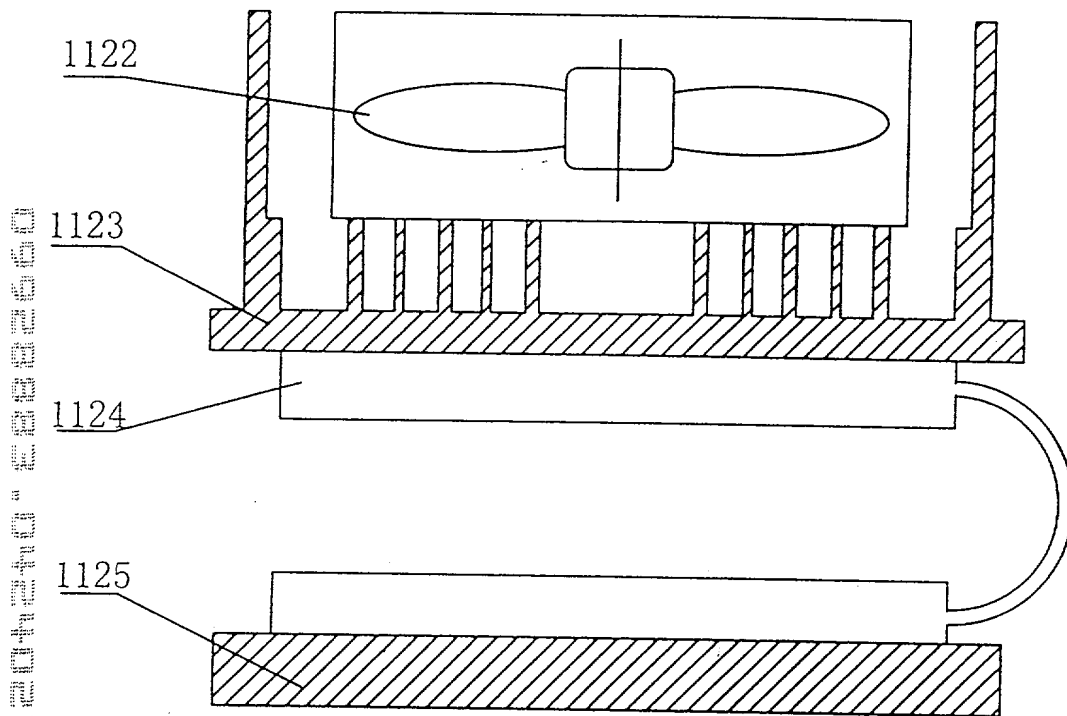


Fig. 11L

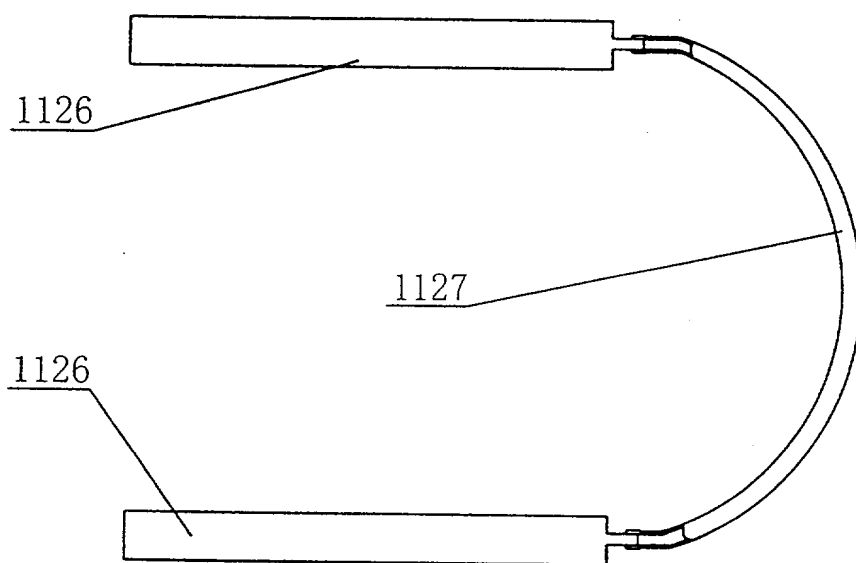


Fig. 11M

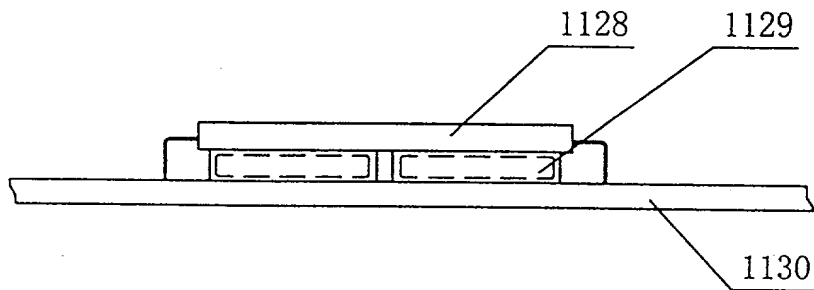


Fig. 11N

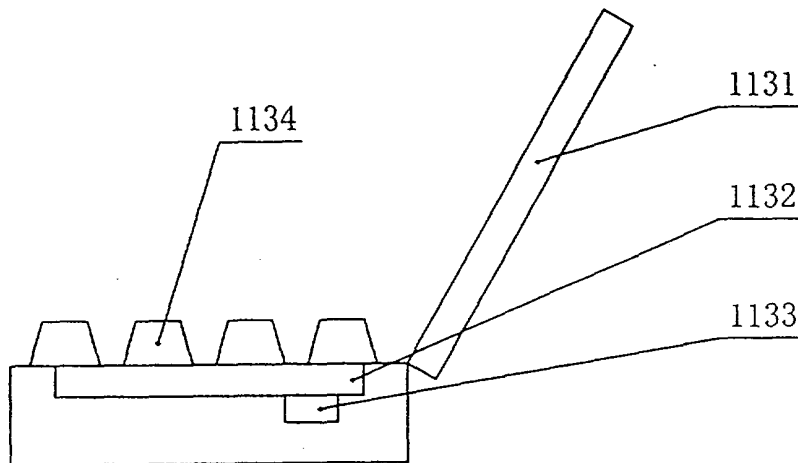


Fig. 110

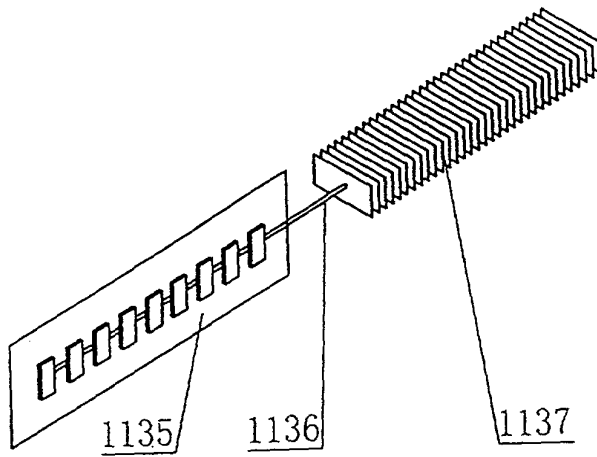


Fig. 11P

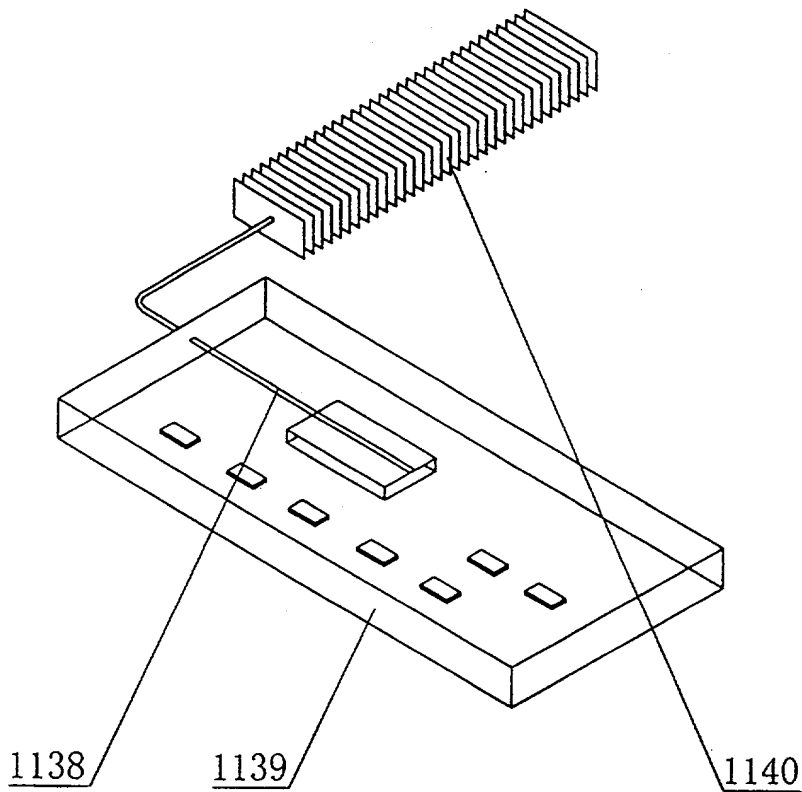


Fig. 11Q



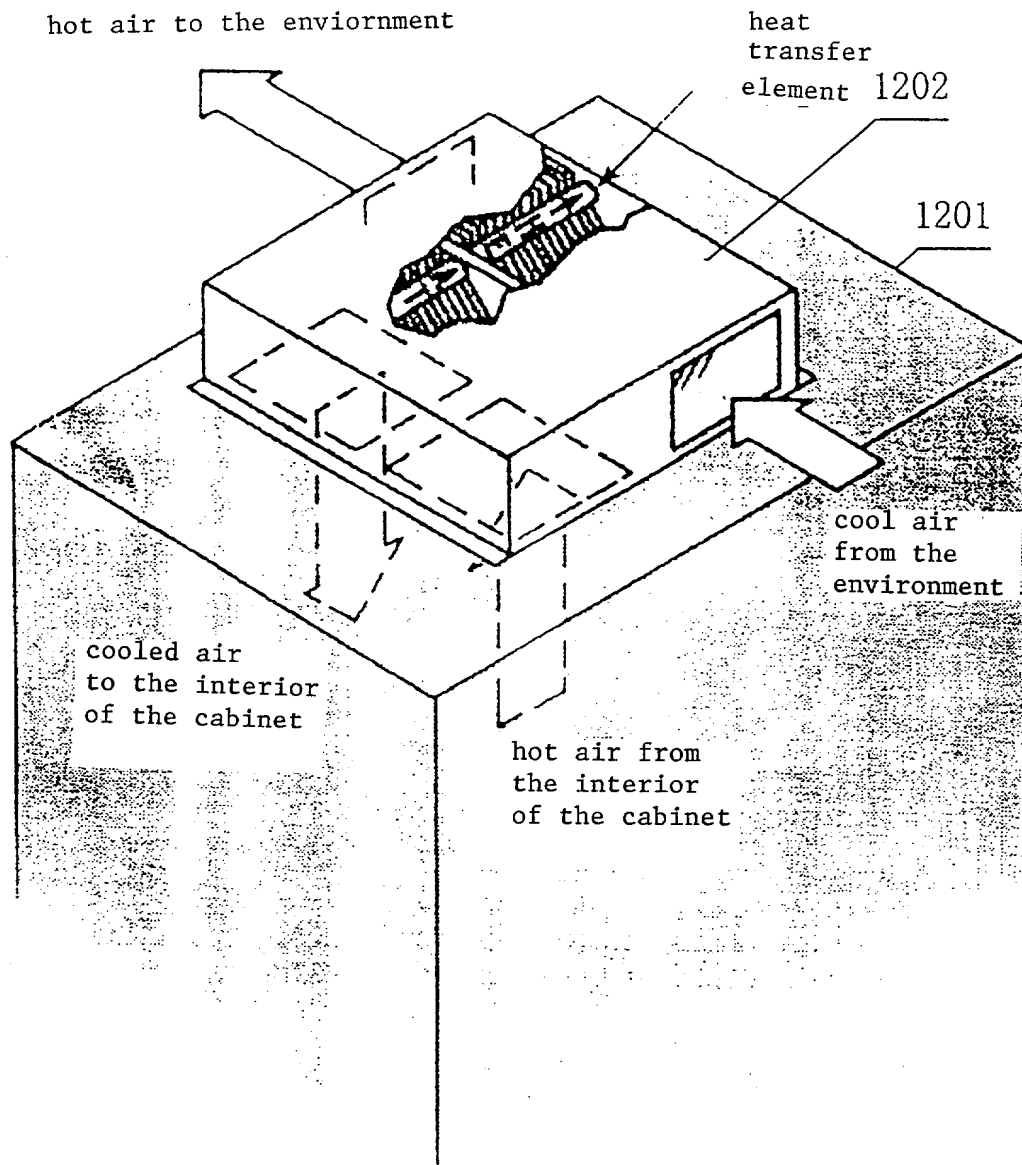


Fig. 12A

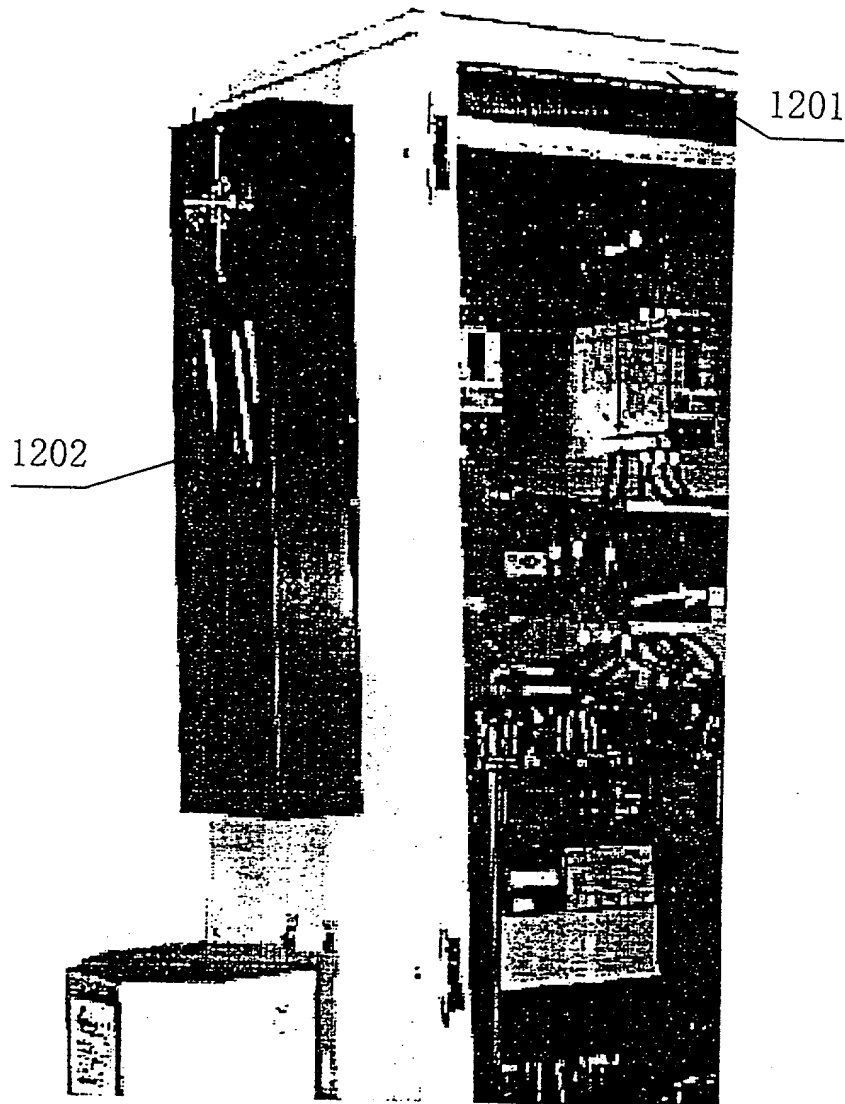


Fig. 12B

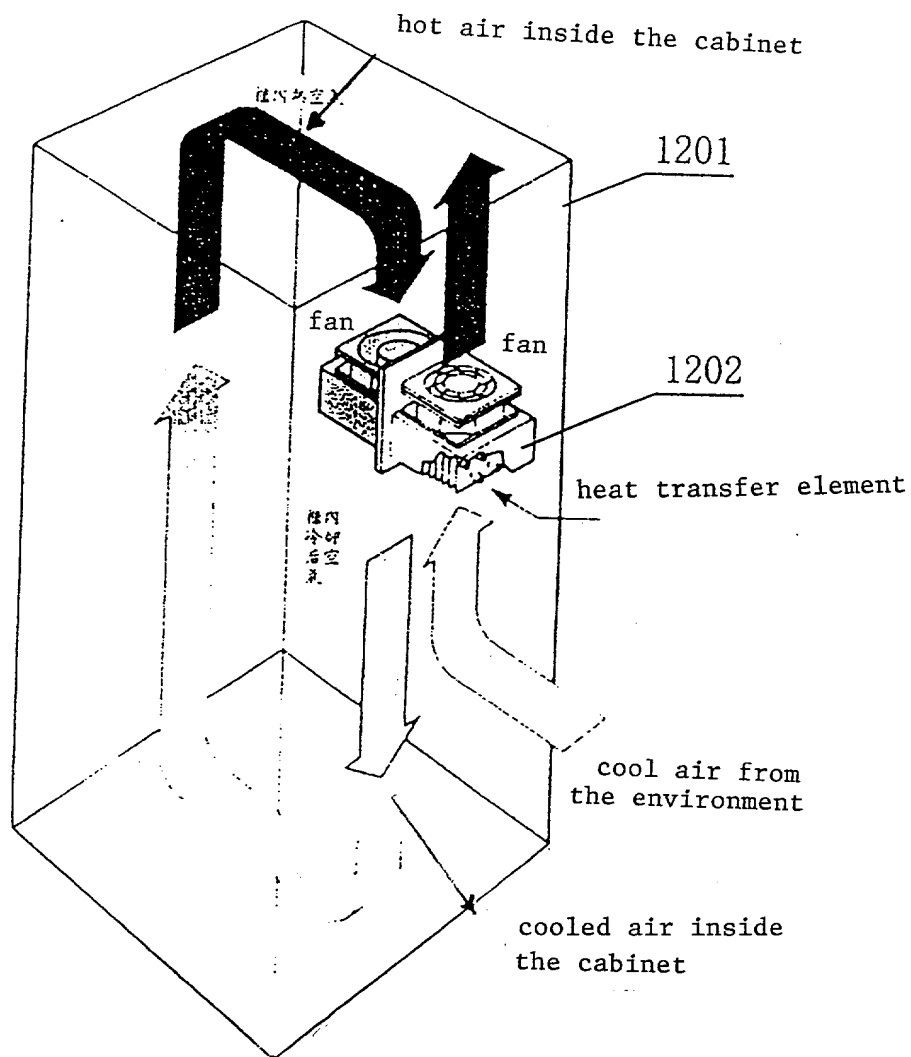


Fig. 12C

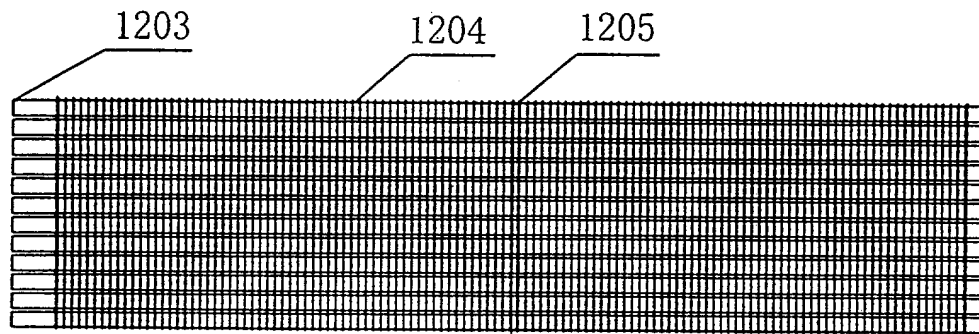
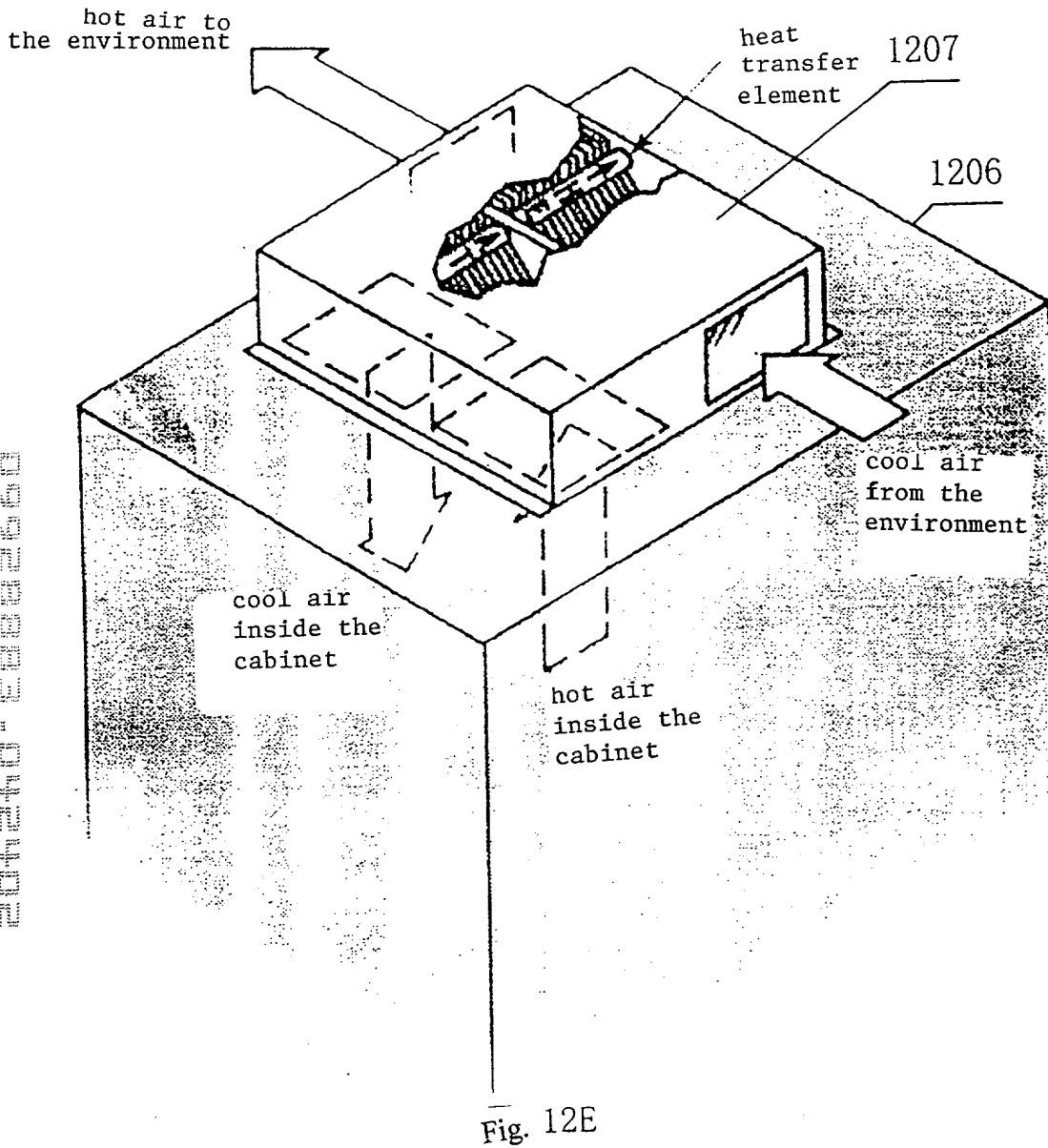


Fig. 12D



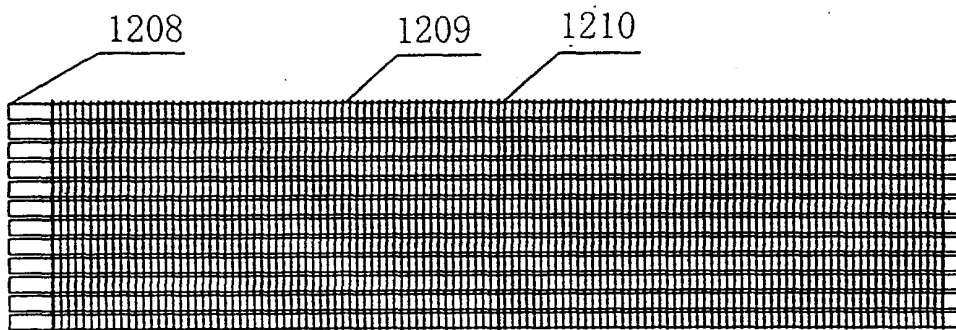


Fig. 12F

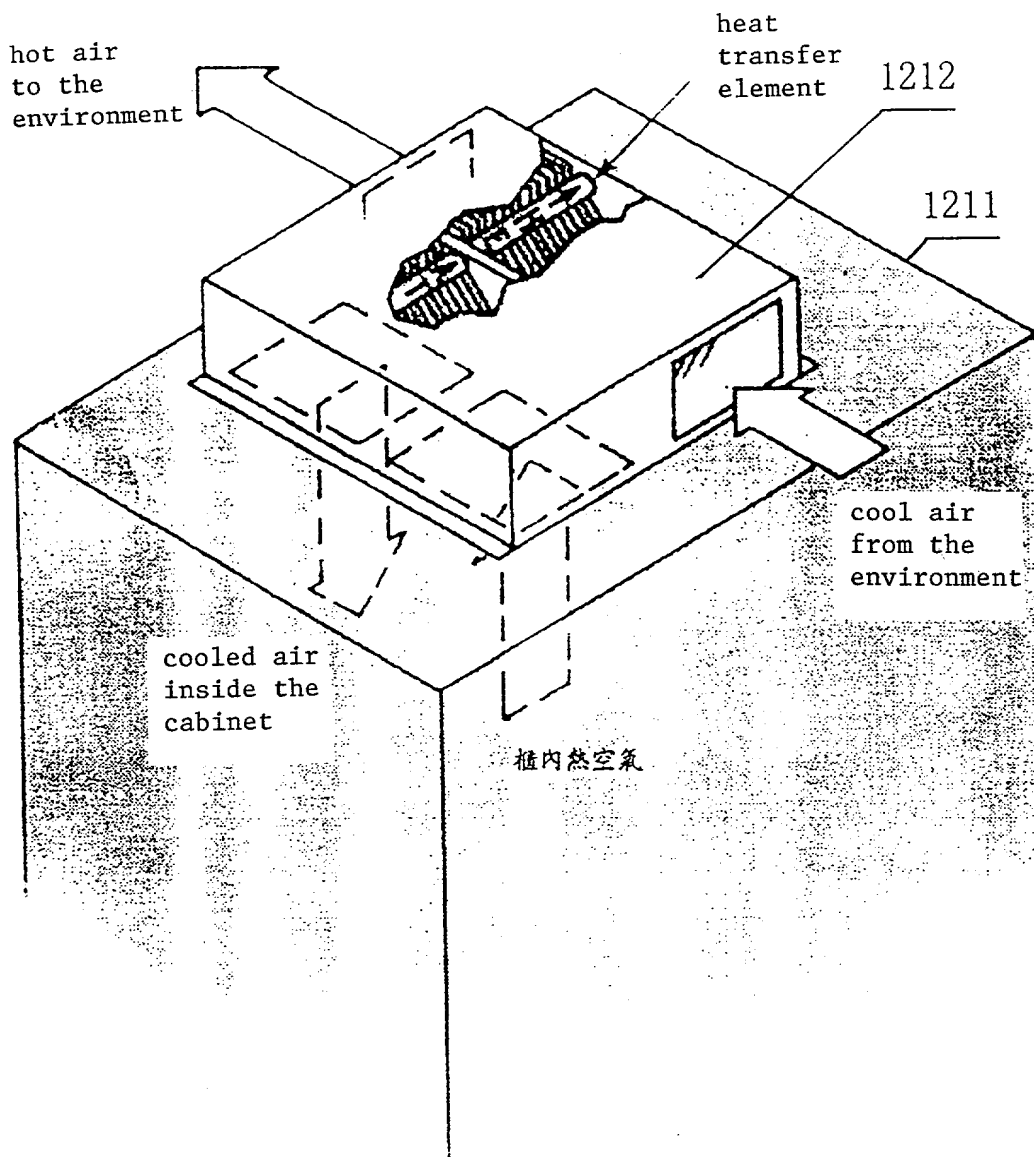


Fig. 12G

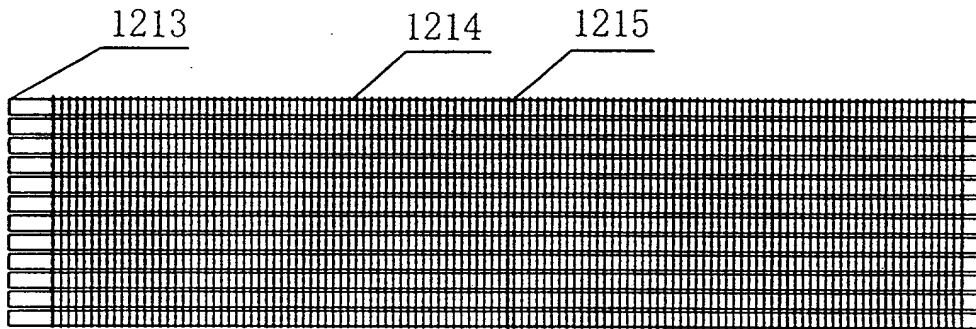


Fig. 12H



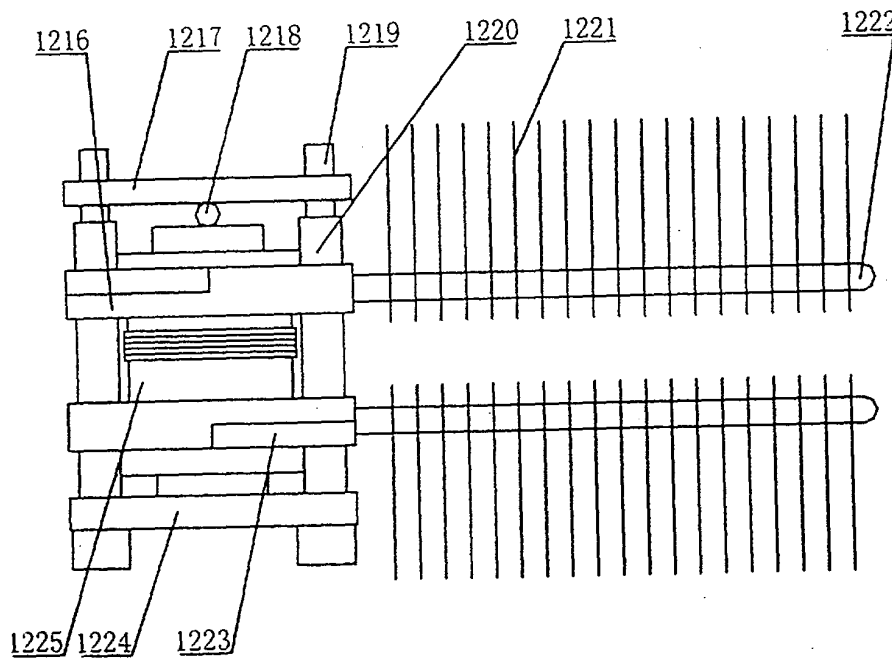


Fig. 12I

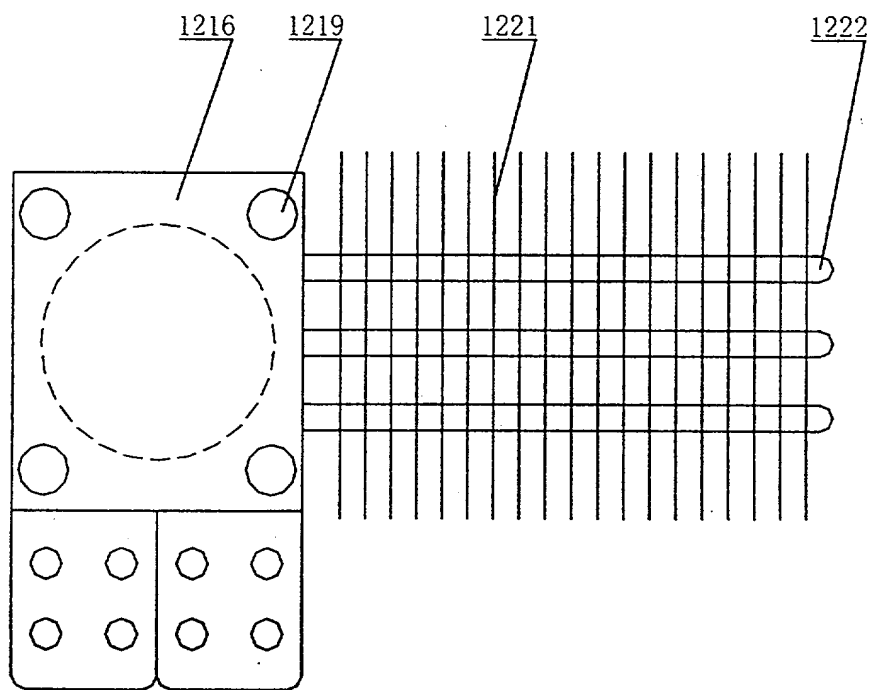


Fig. 12J

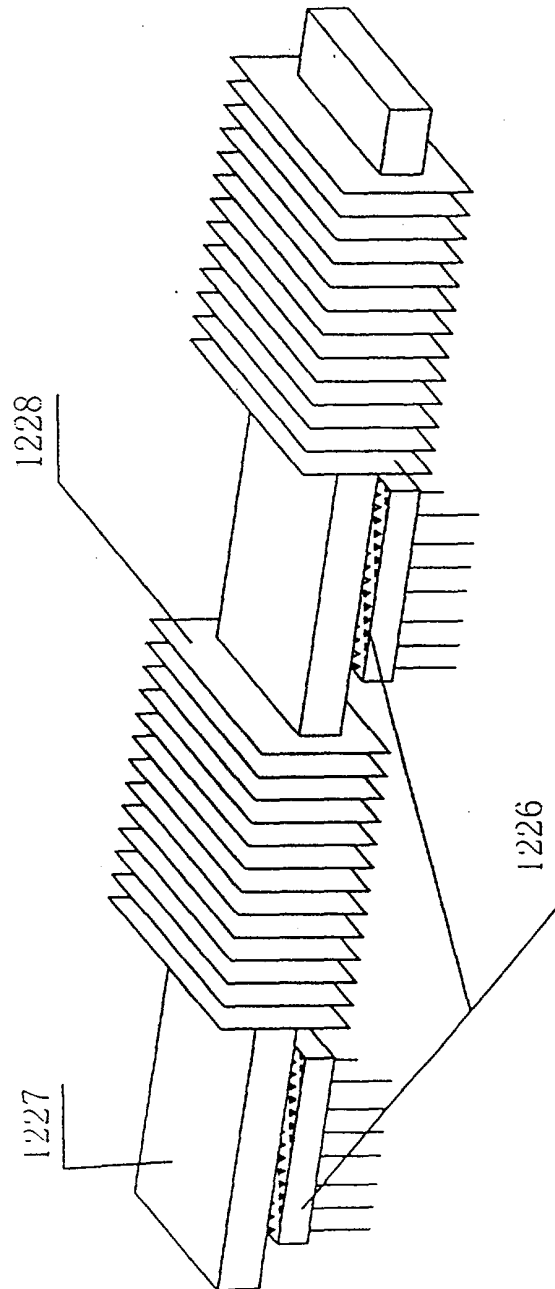


Fig. 12K

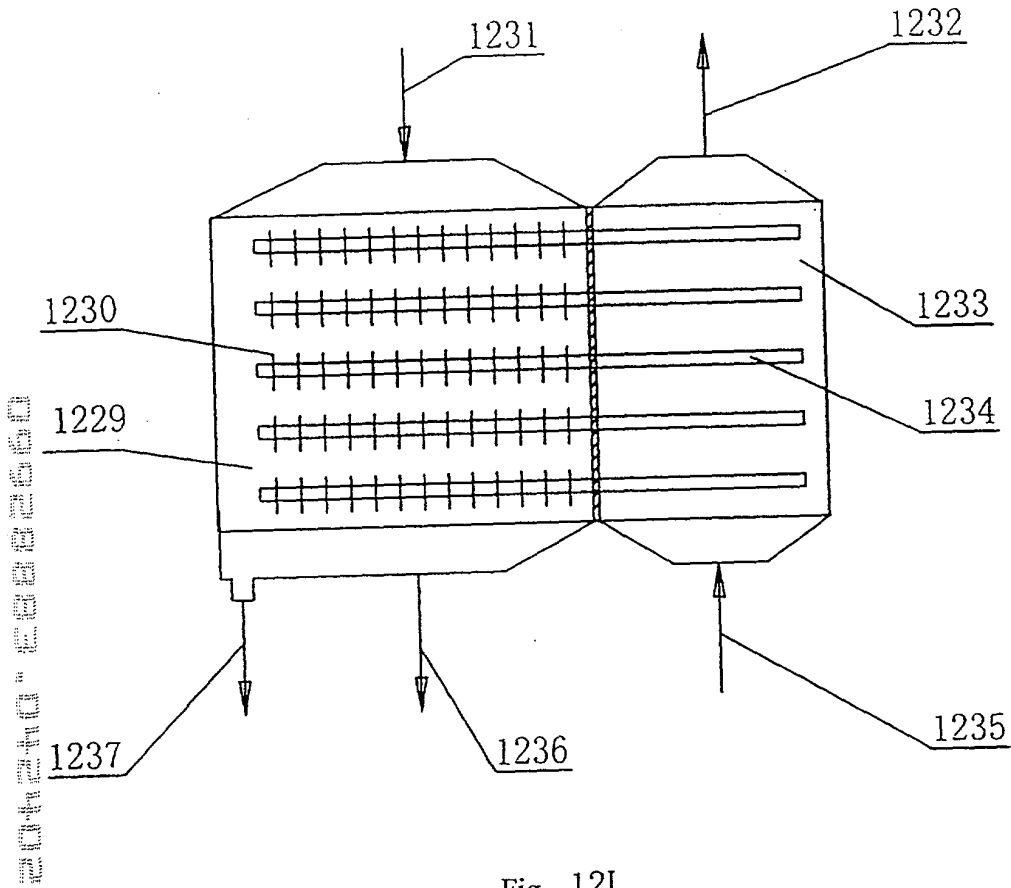


Fig. 12L

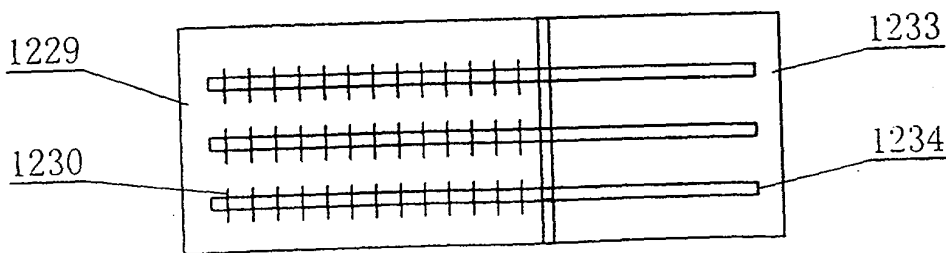


Fig. 12M

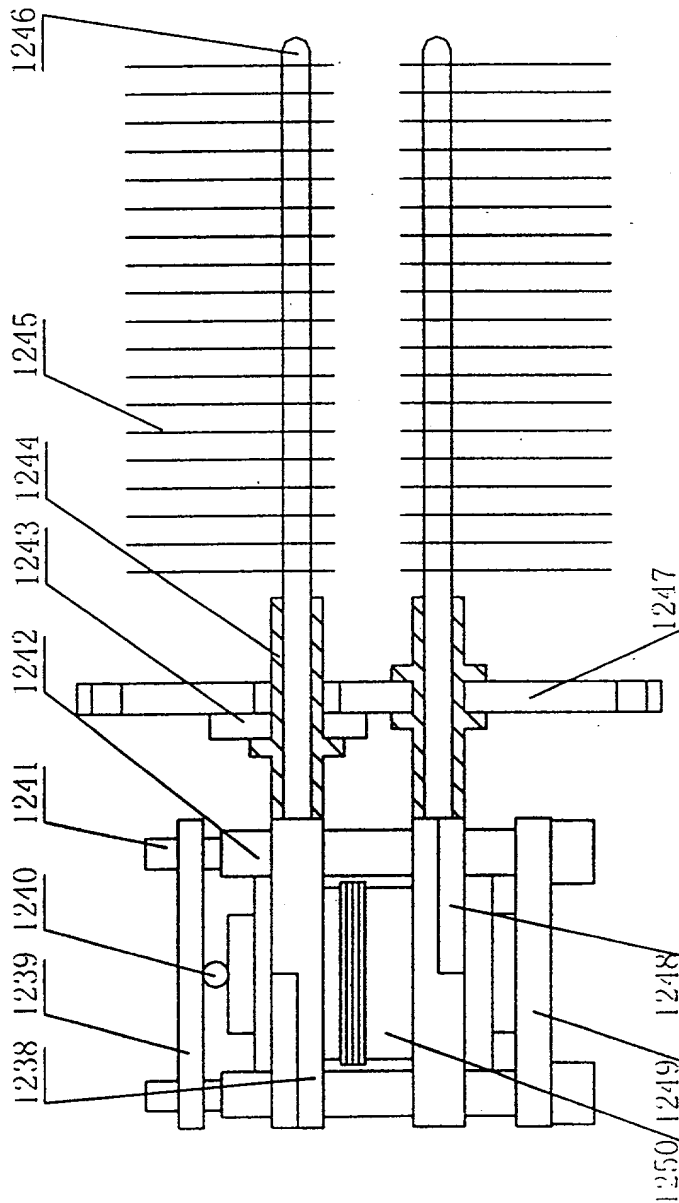
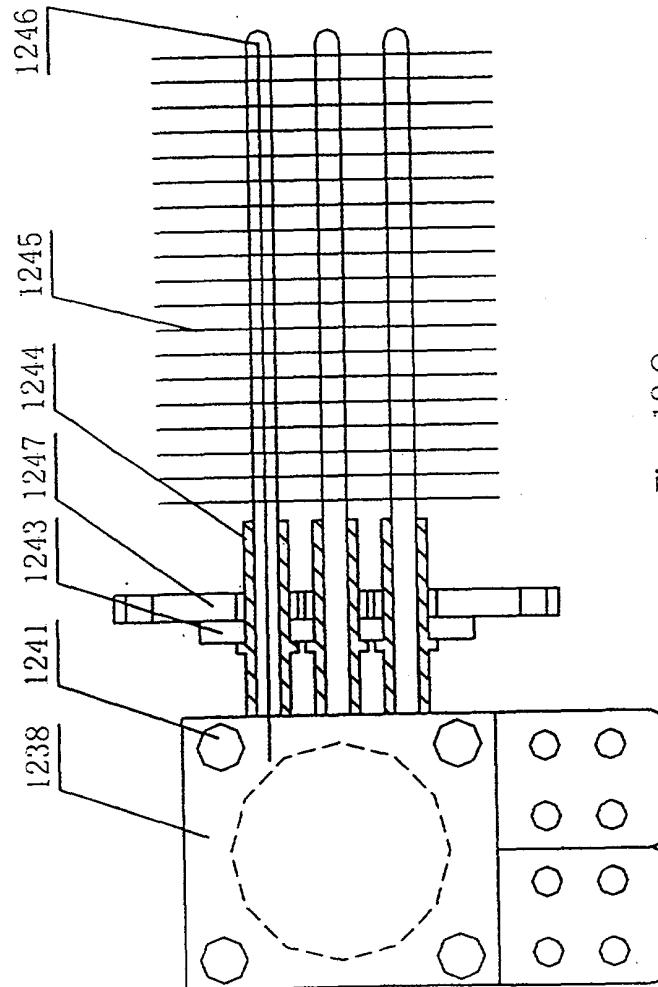


Fig. 12N



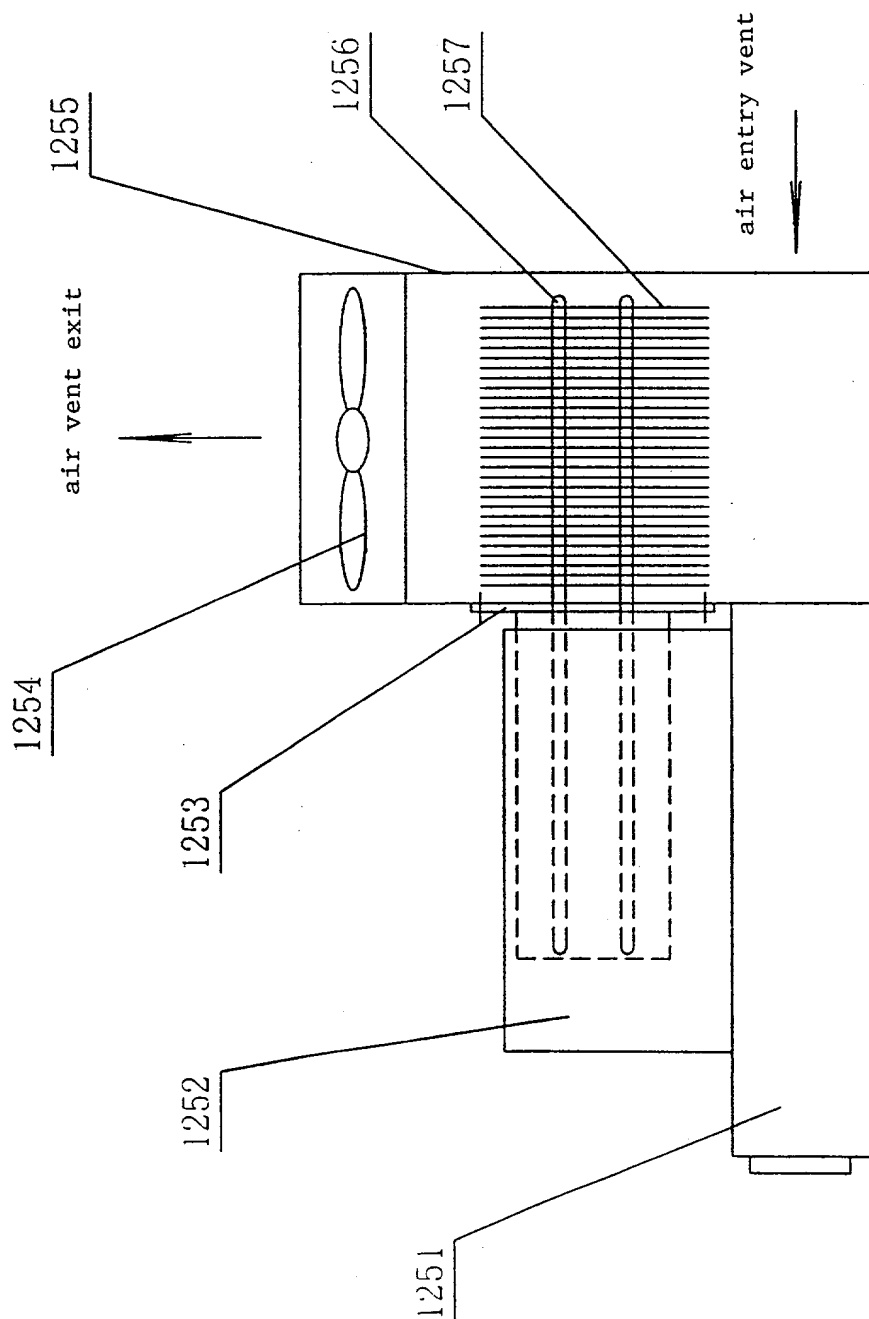


Fig. 12P

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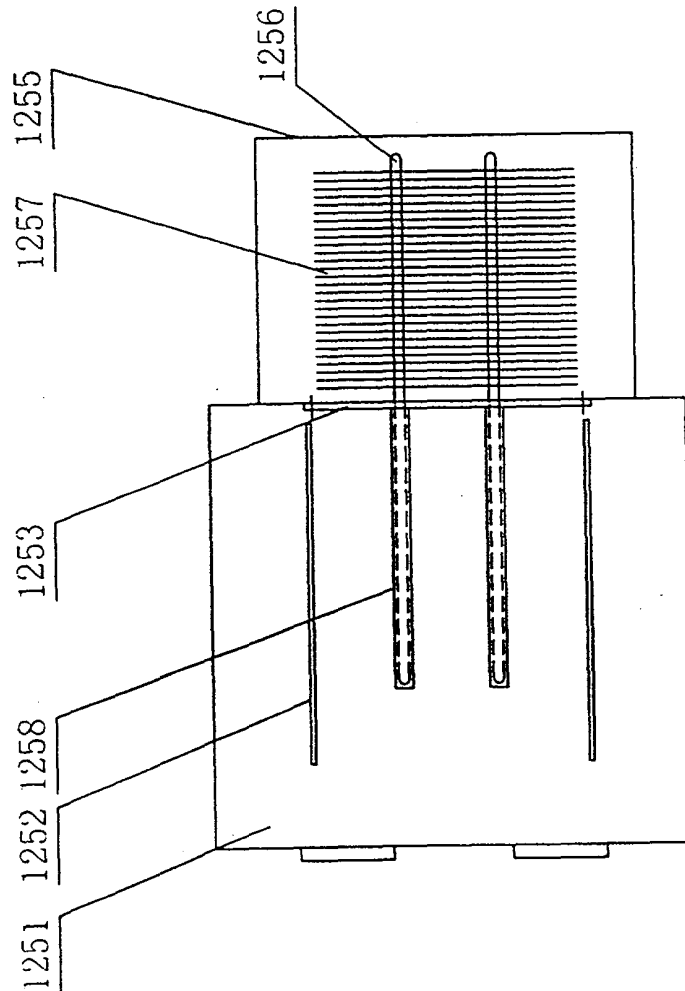


Fig. 12Q



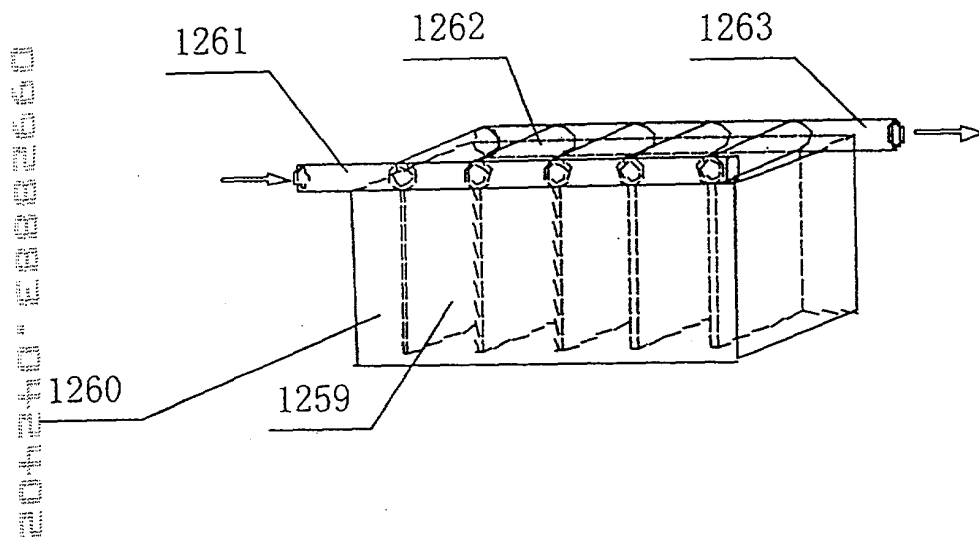


Fig. 12R

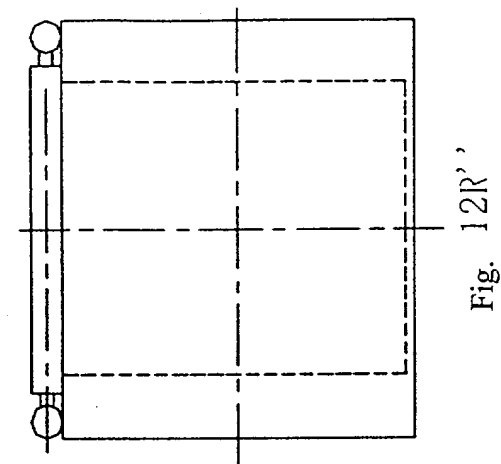


Fig. 12R'

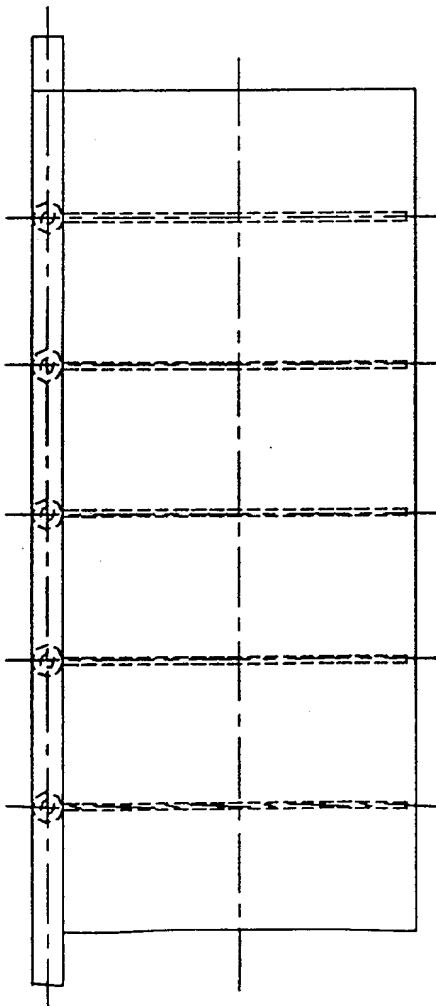


Fig. 12R

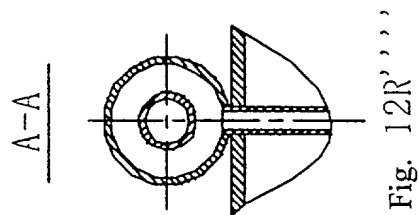


Fig. 12R''

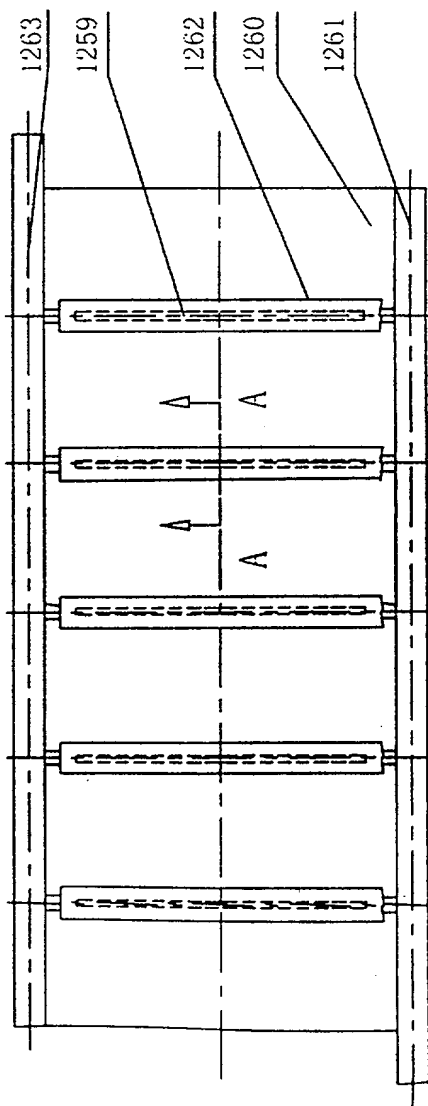


Fig. 12R'''

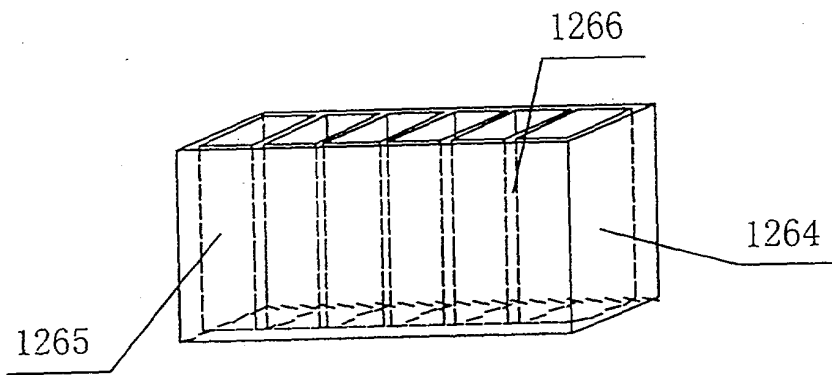


Fig. 12S

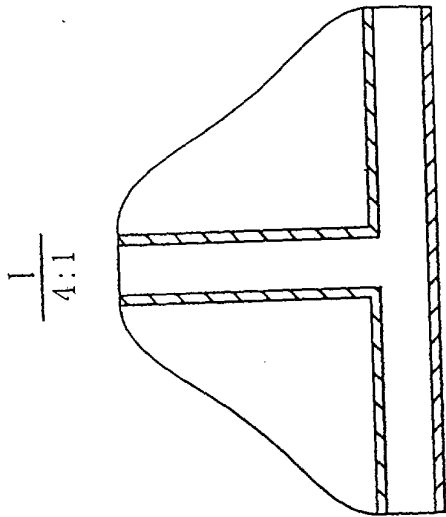


Fig. 12S' , ,

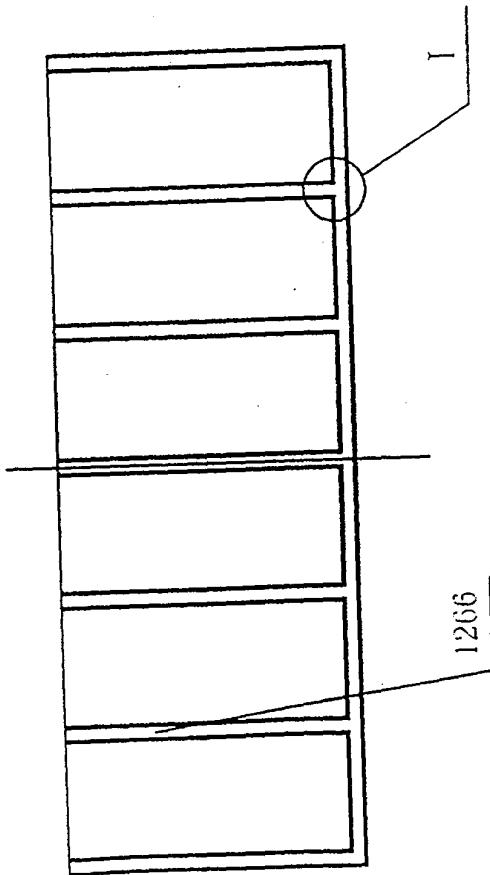


Fig. 12S

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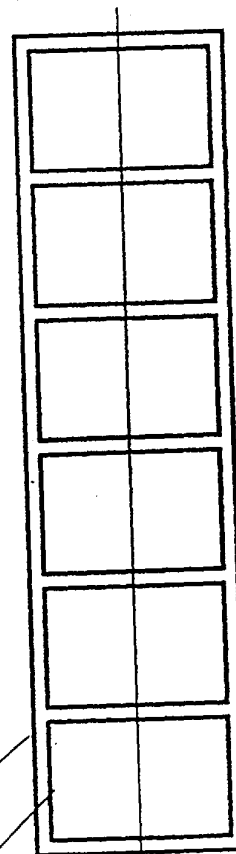


Fig. 12S' , ,

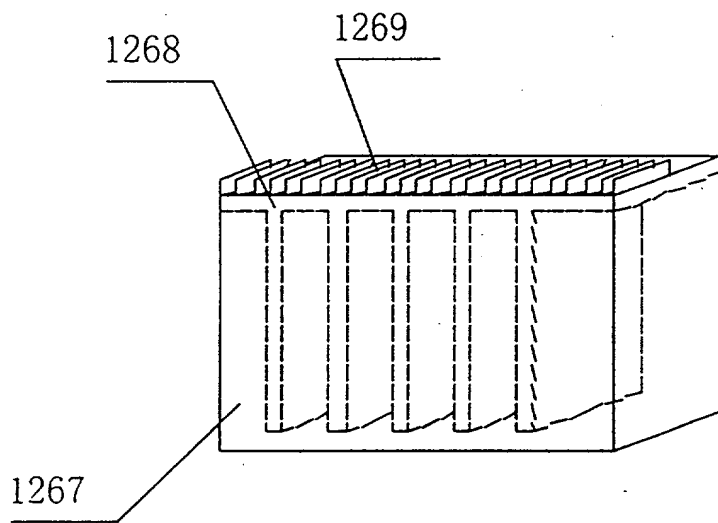


Fig. 12T

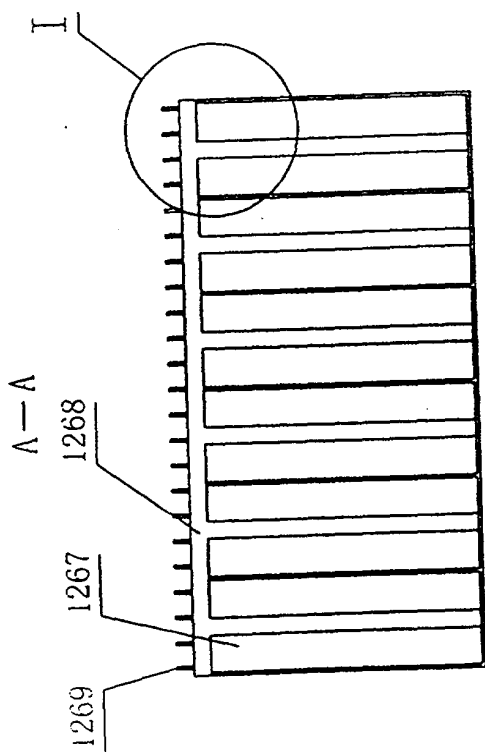


Fig. 12T'

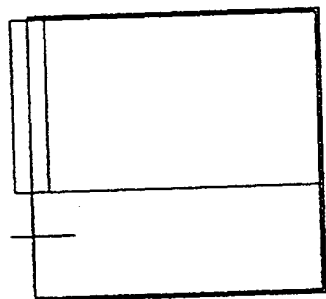


Fig. 12T''

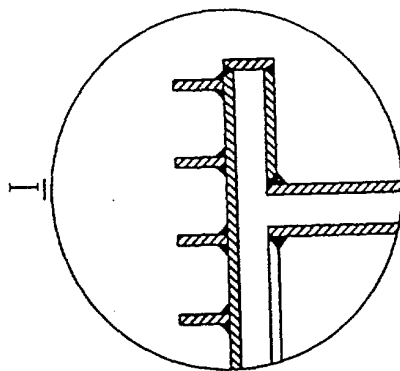


Fig. 12T'''

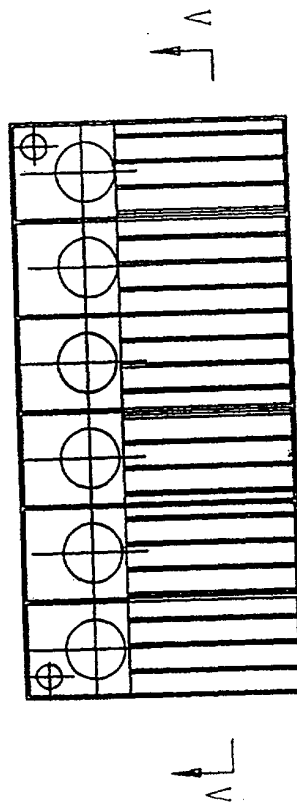


Fig. 12T''''



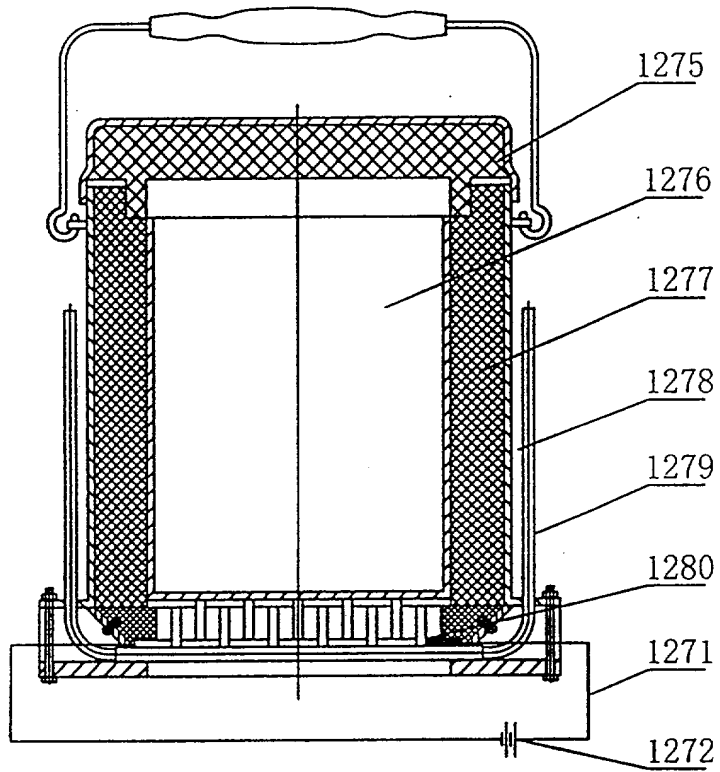


Fig. 12V



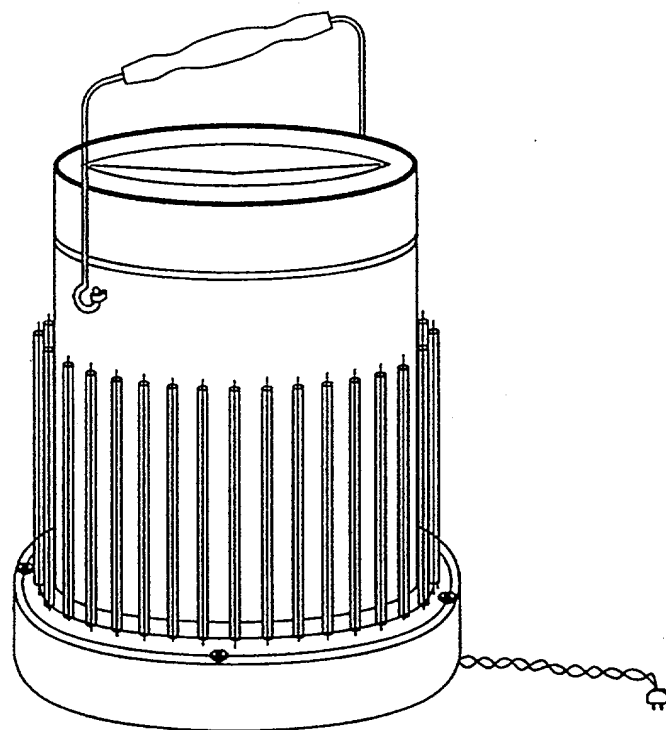


Fig. 12W

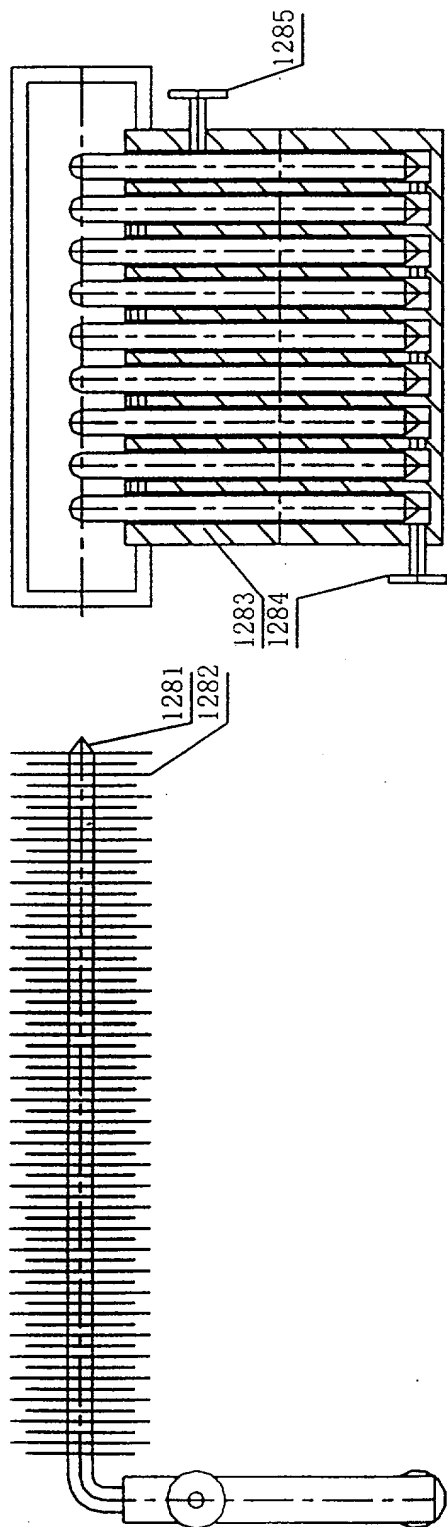


Fig. 12X'

Fig. 12X

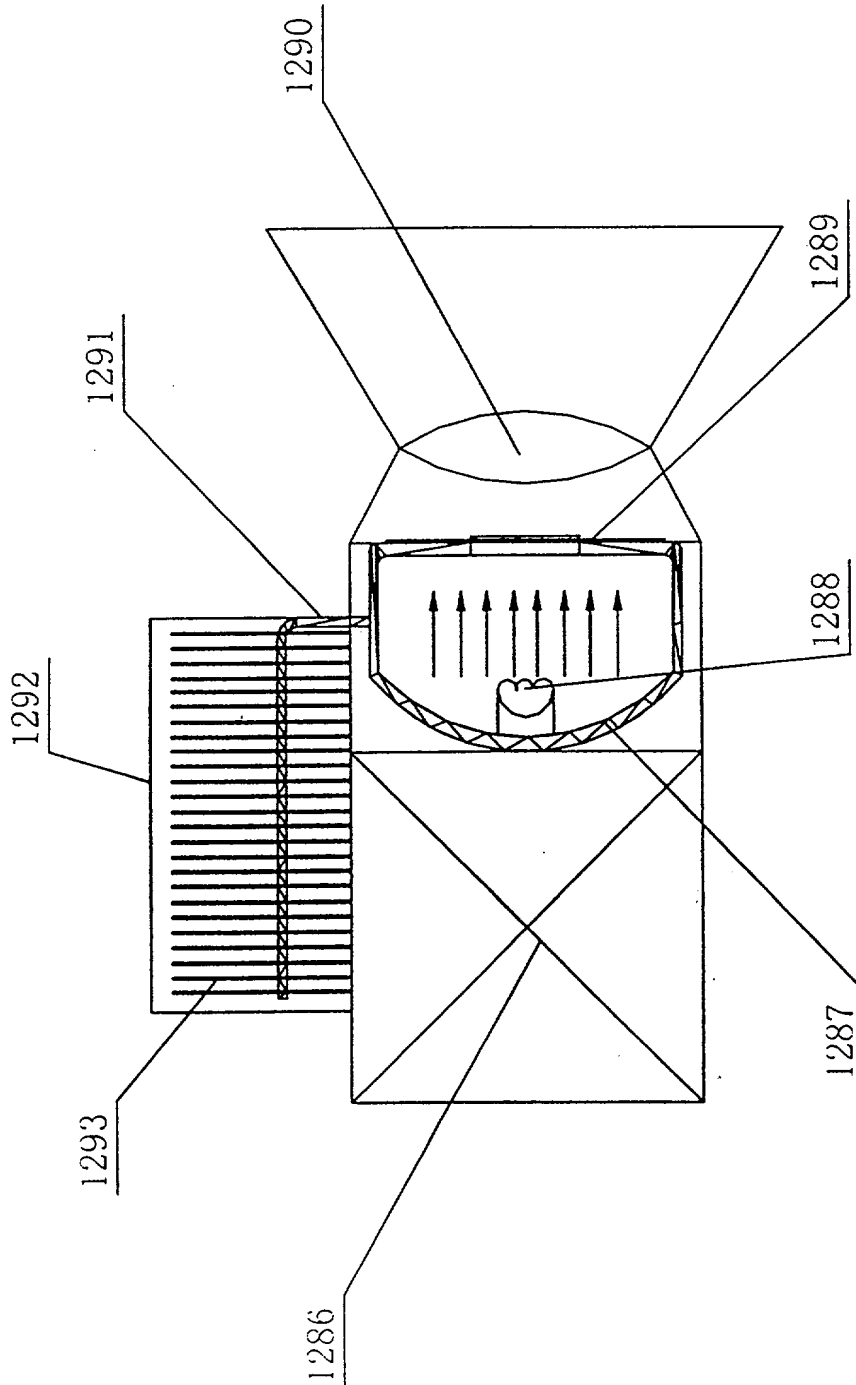


Fig. 12Y

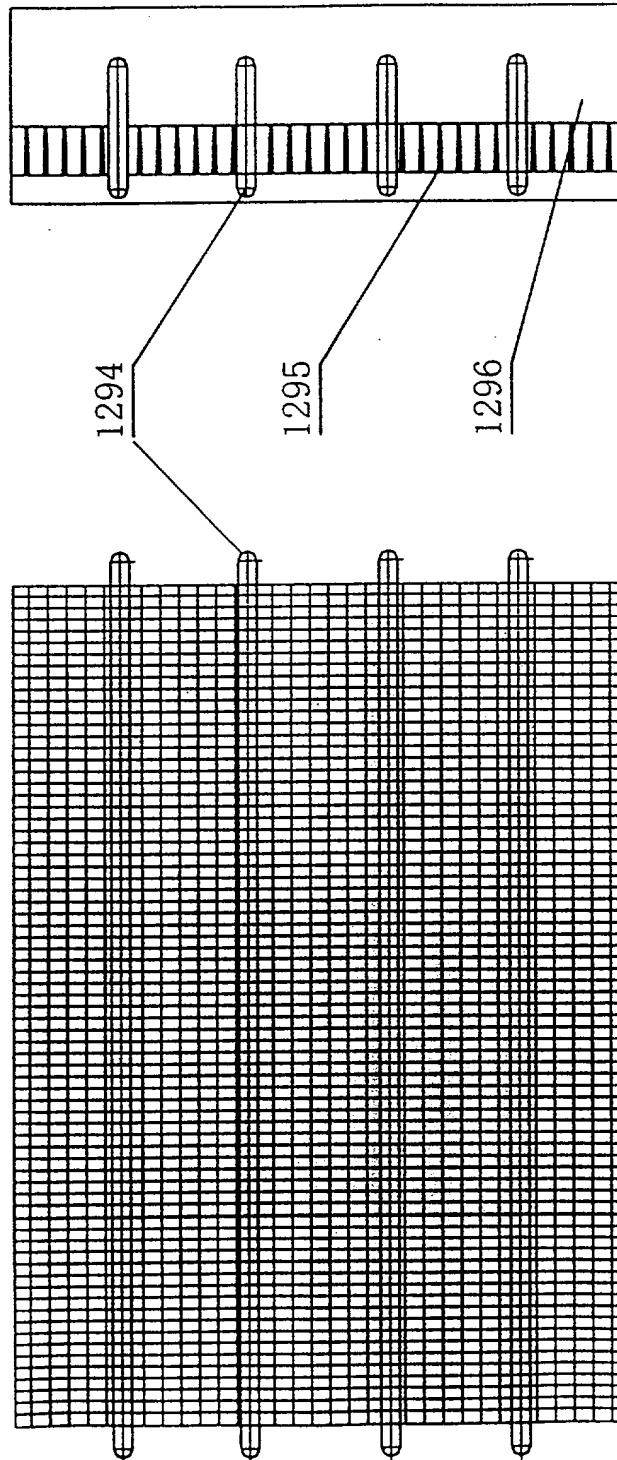


Fig. 12Z'

Fig. 12Z

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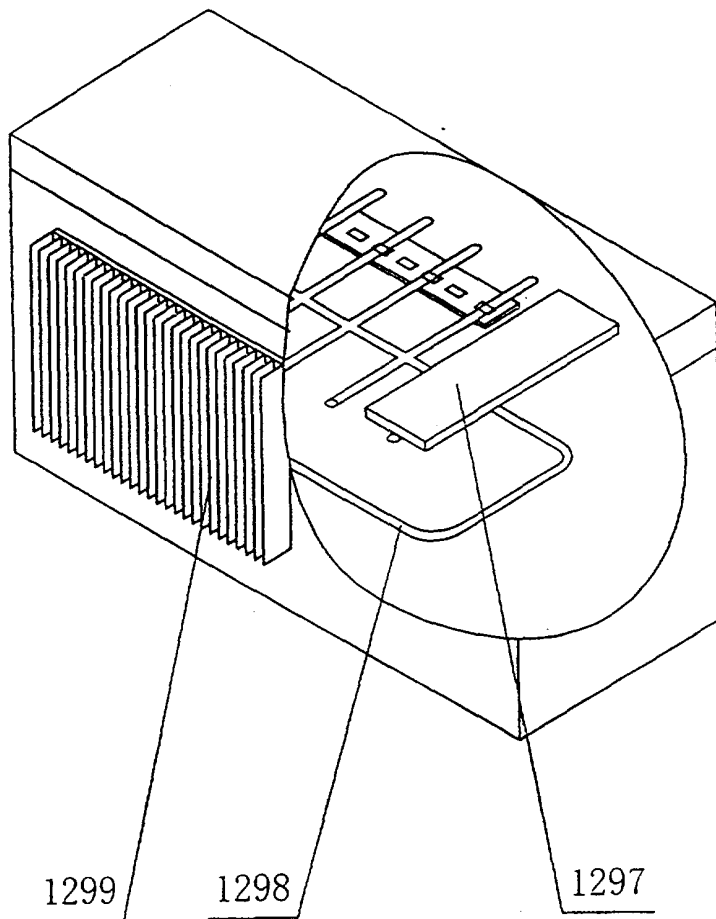


Fig. 12ZA

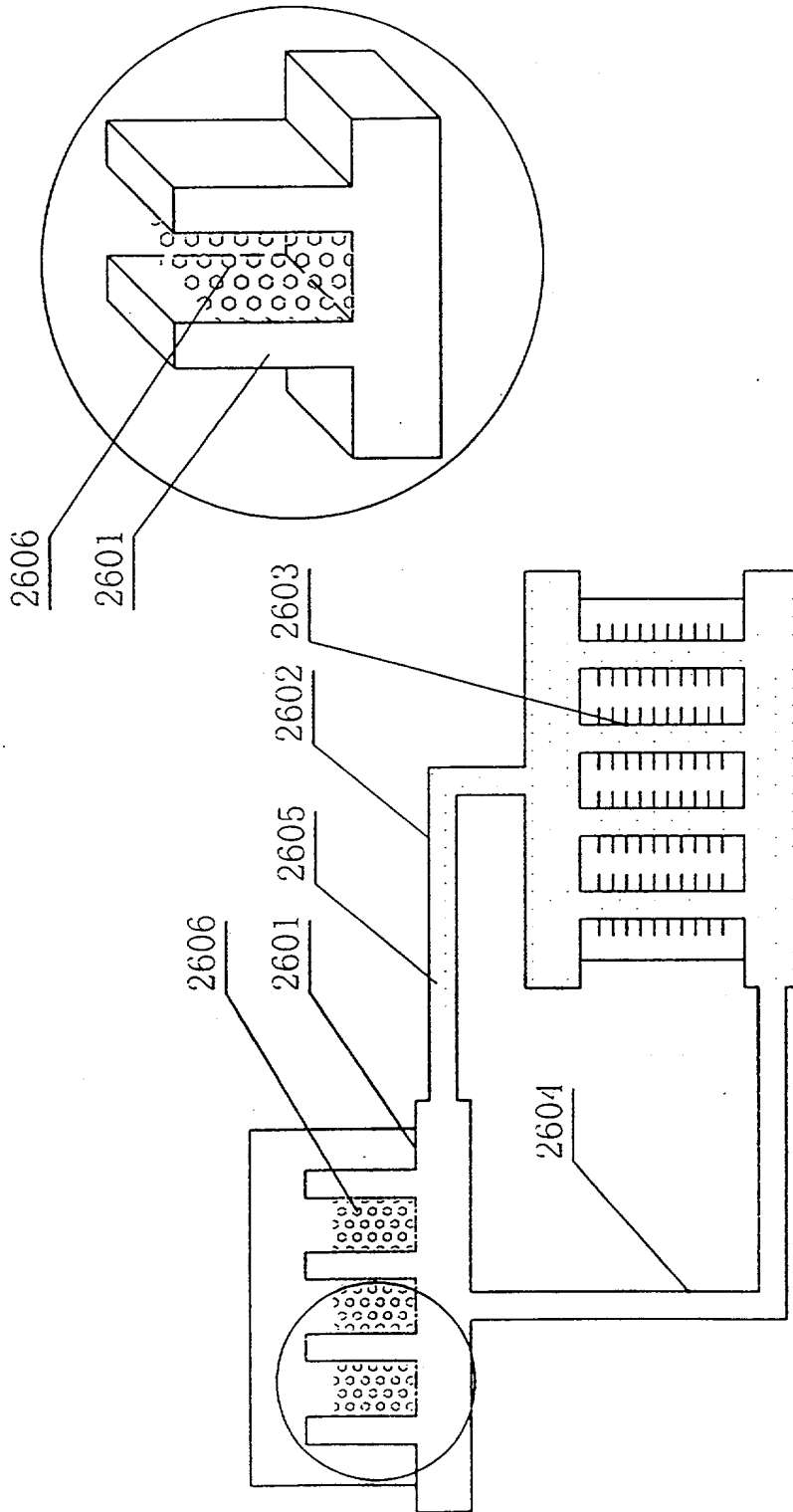


Fig. 12ZB

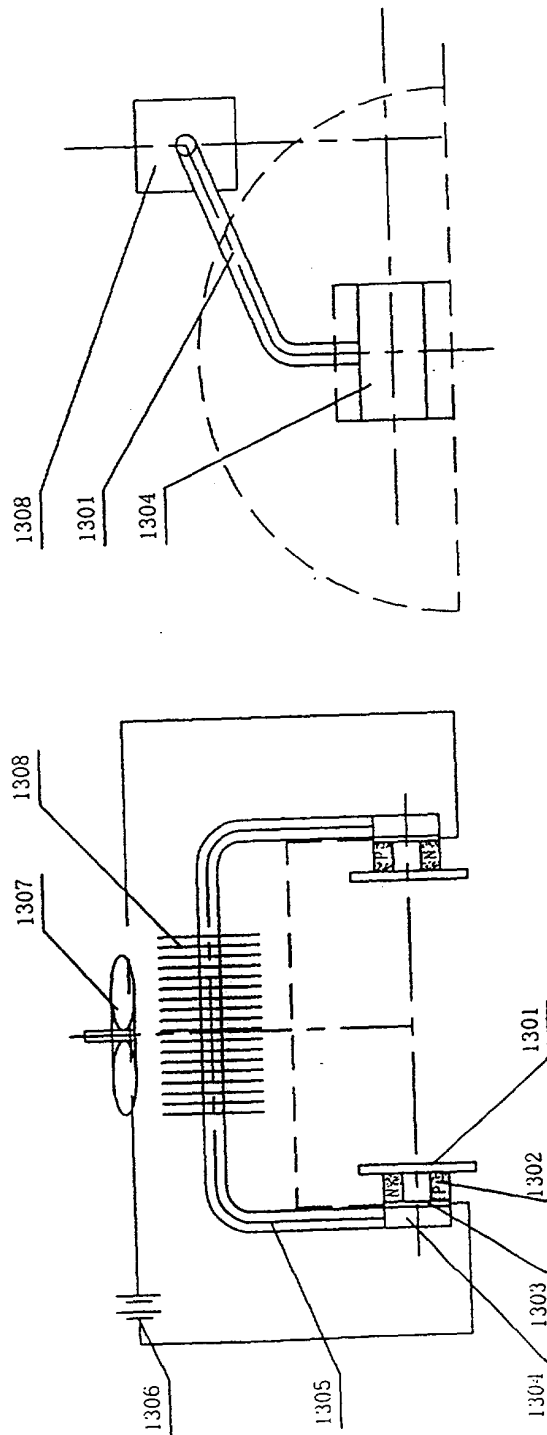


Fig. 13A

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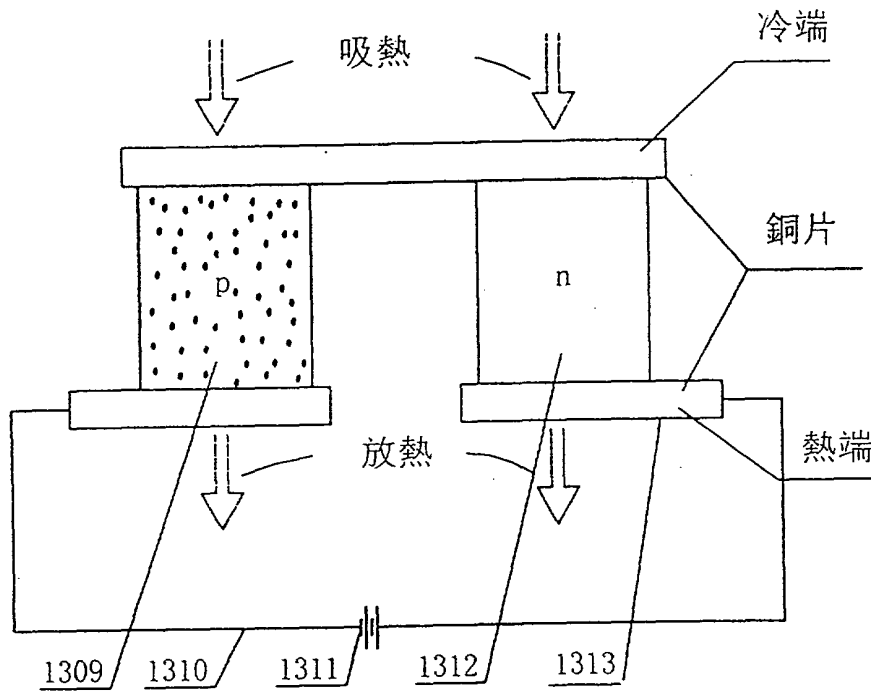


Fig. 13B



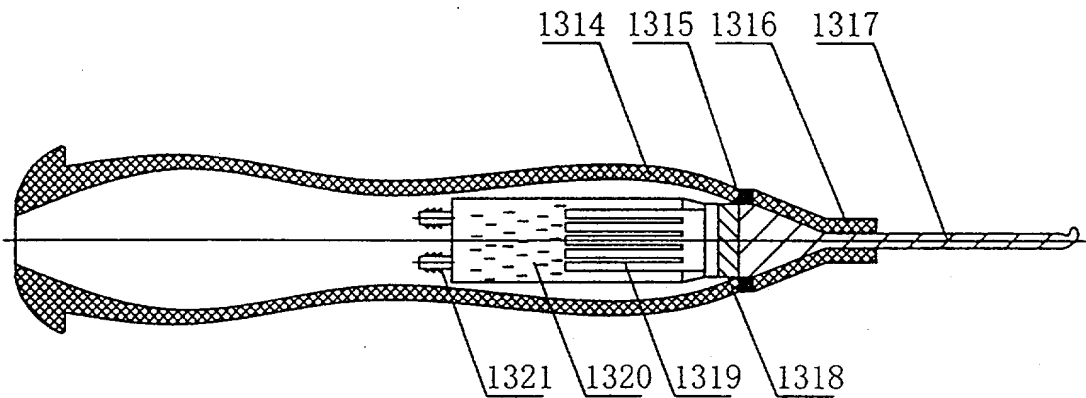


Fig. 13C

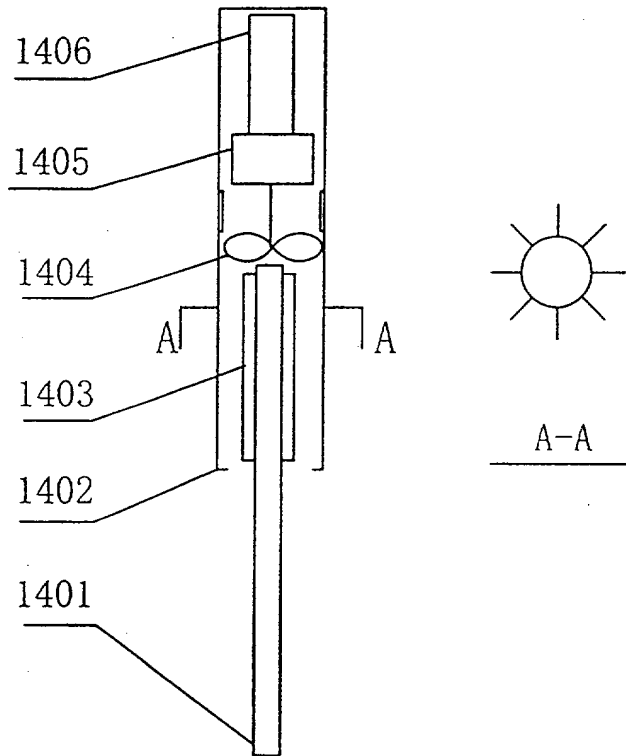


Fig. 14A

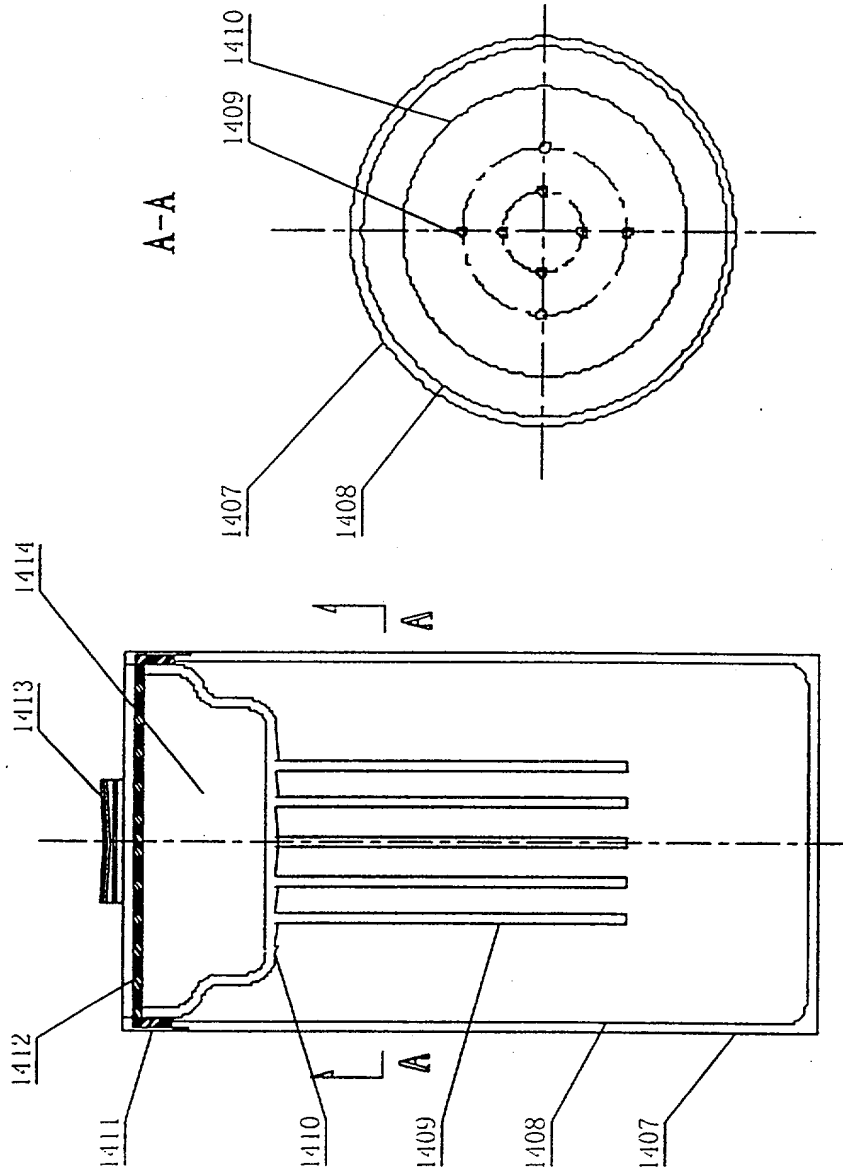


Fig. 14B

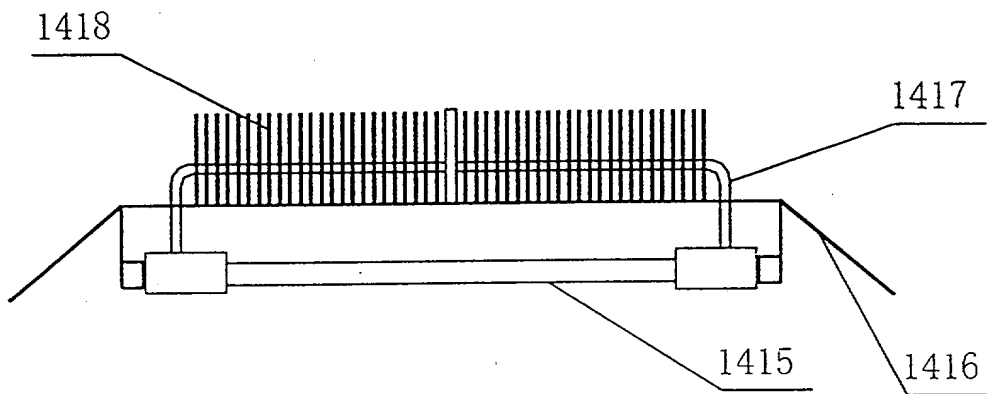


Fig. 14C

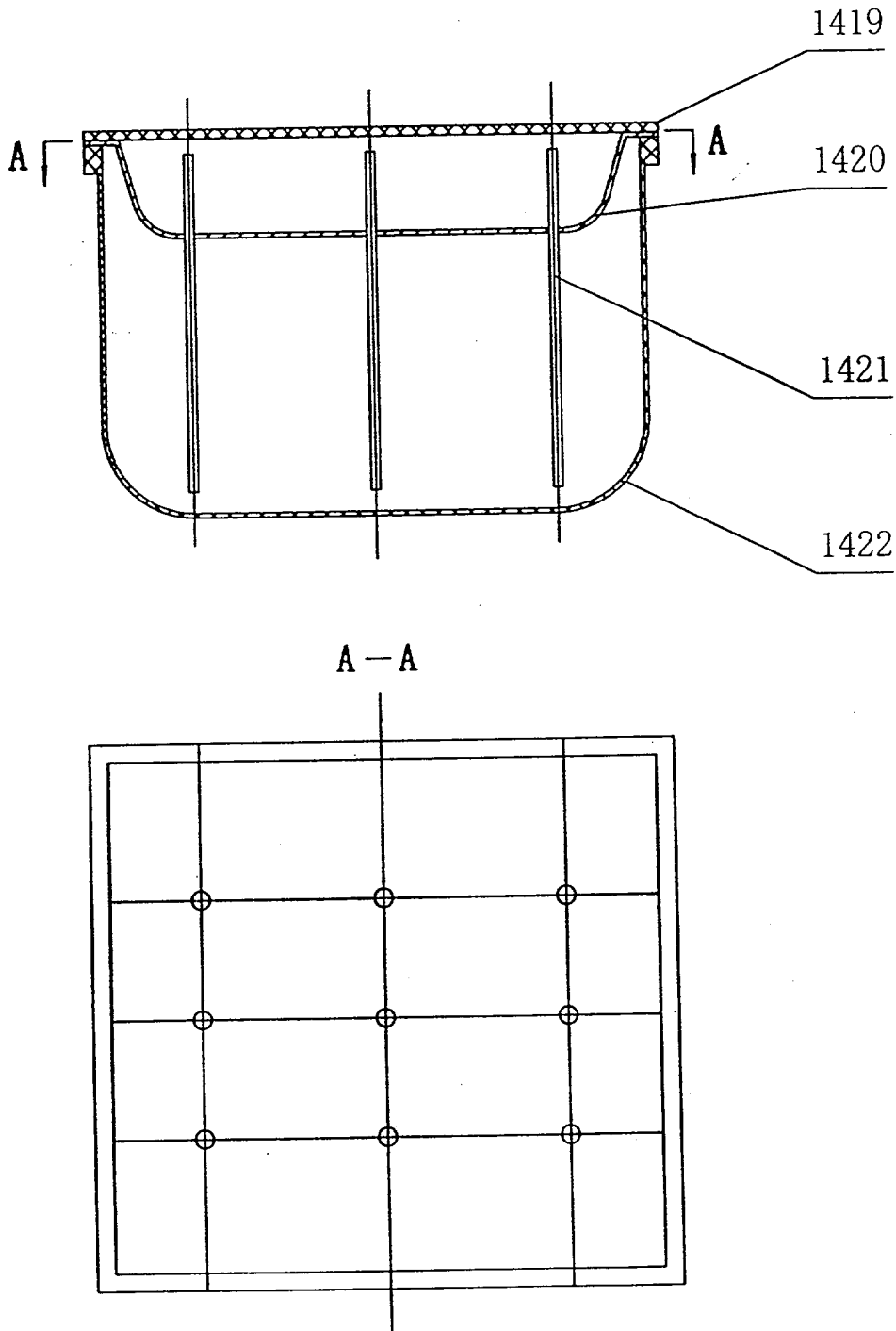


Fig. 14D

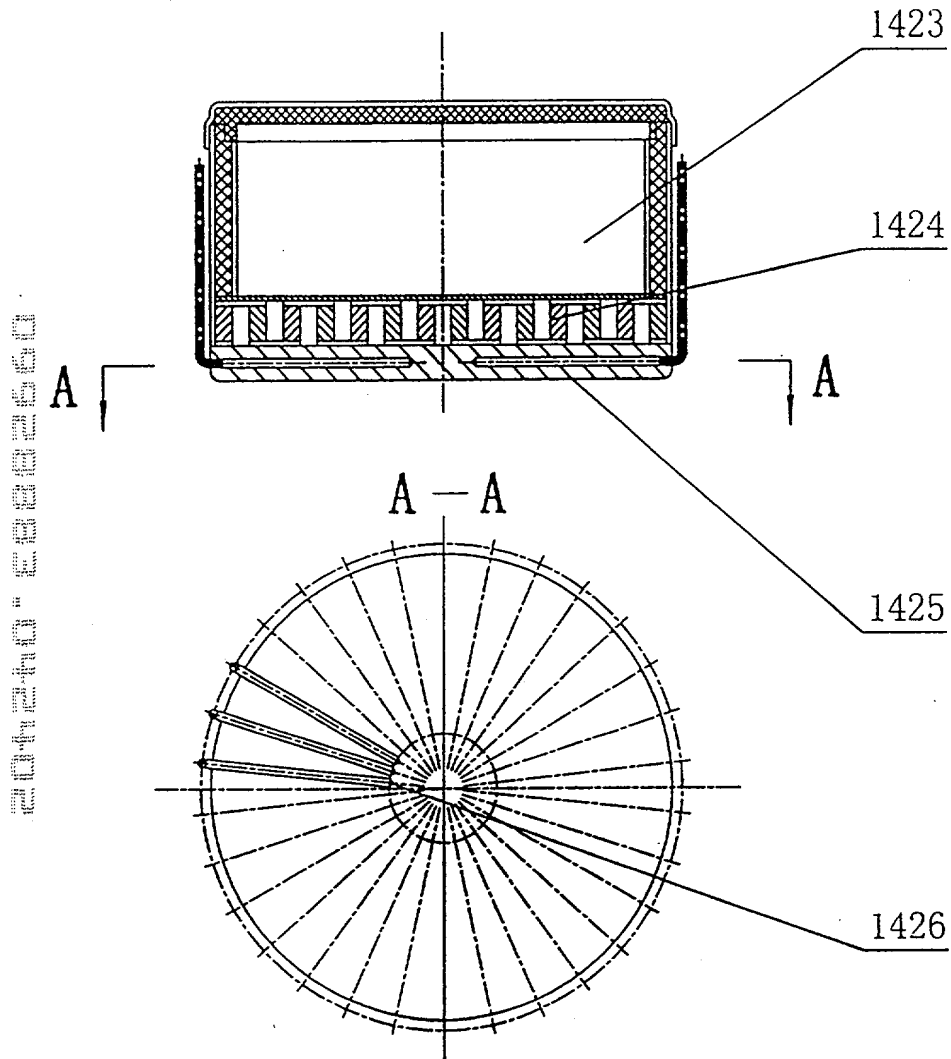


Fig. 14E

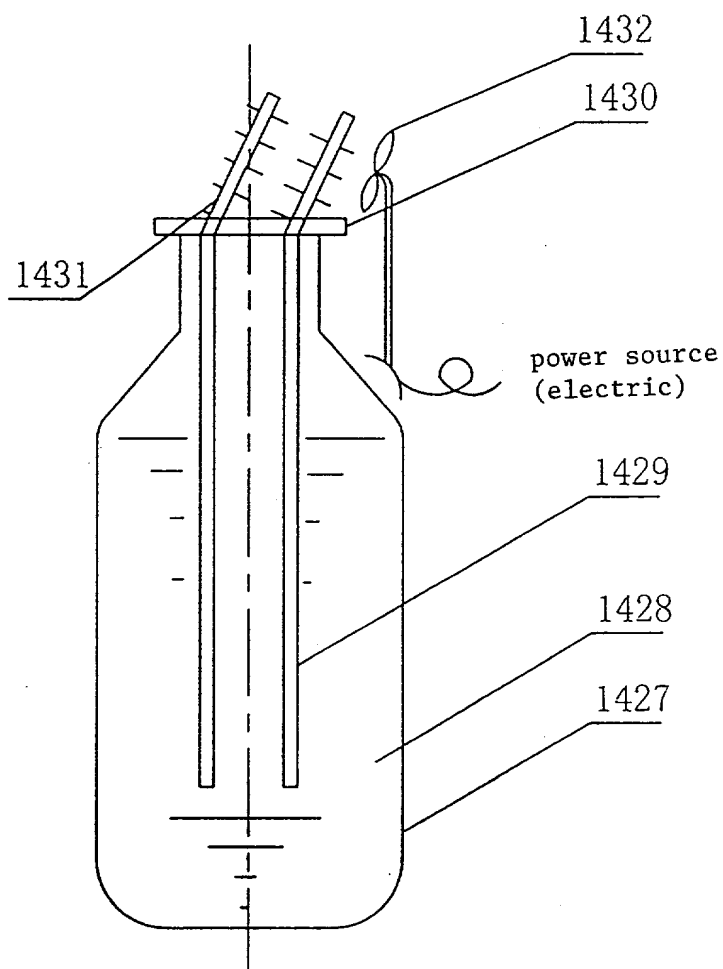


Fig. 14F

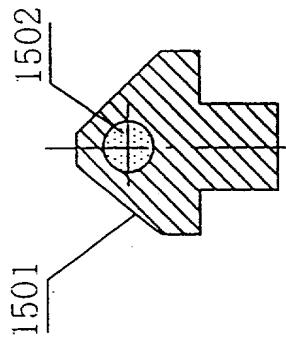


Fig. 15B

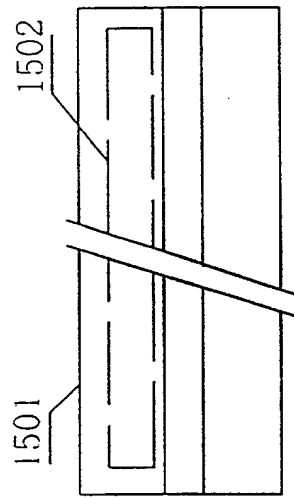


Fig. 15A

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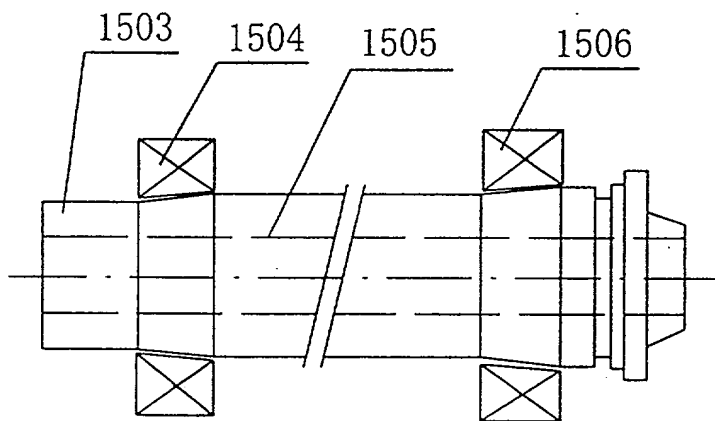


Fig. 15C

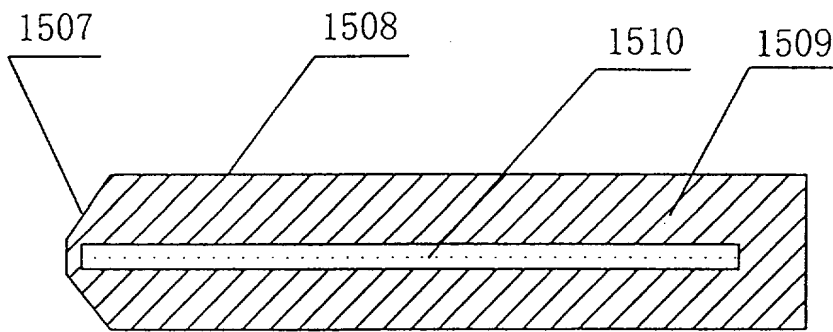


Fig. 15D

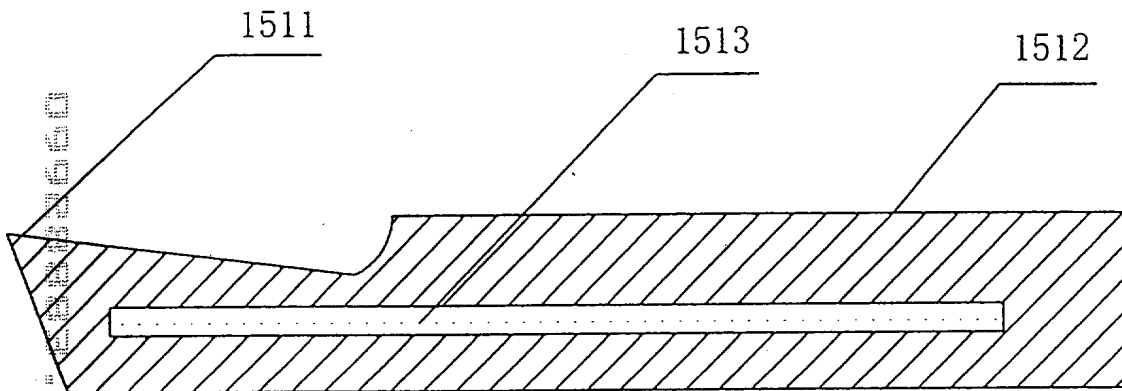


Fig. 15E

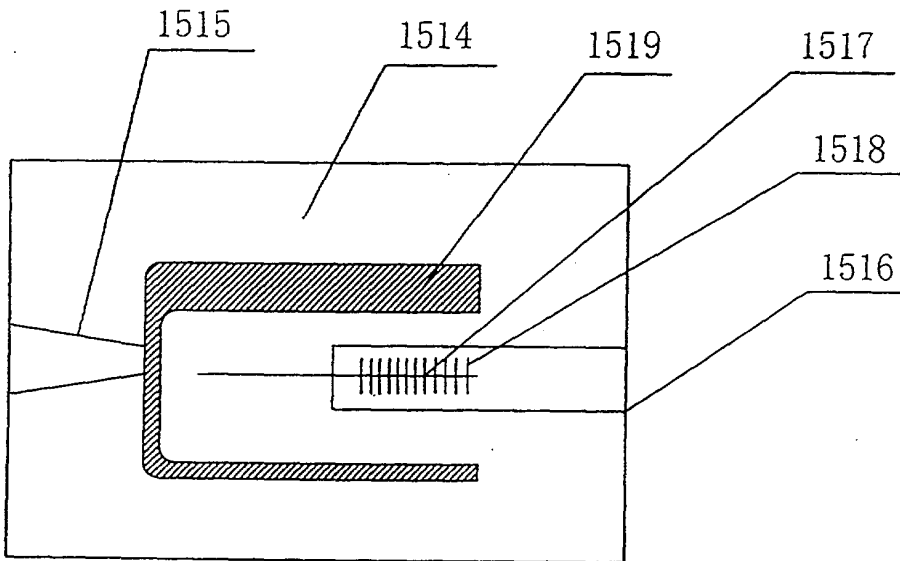


Fig. 15F

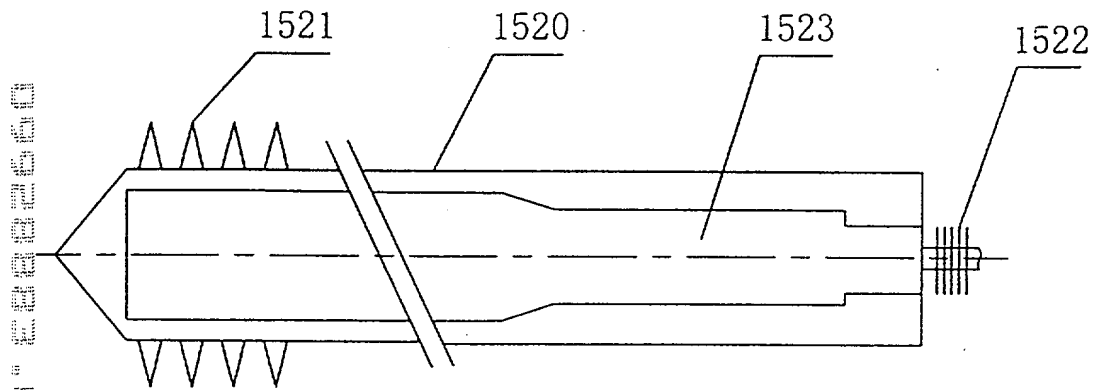


Fig. 15G

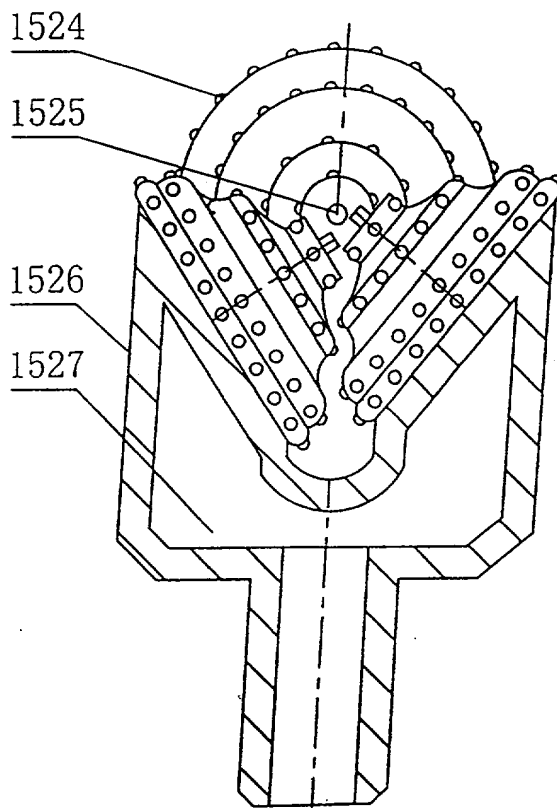


Fig. 15H

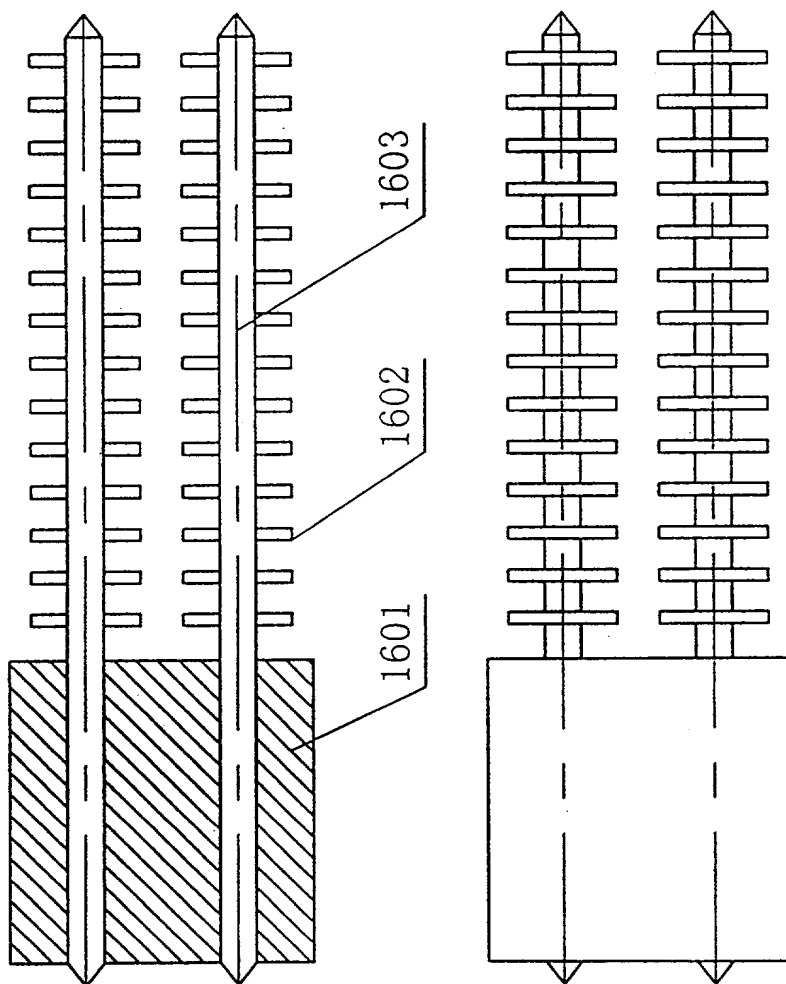


Fig. 16A

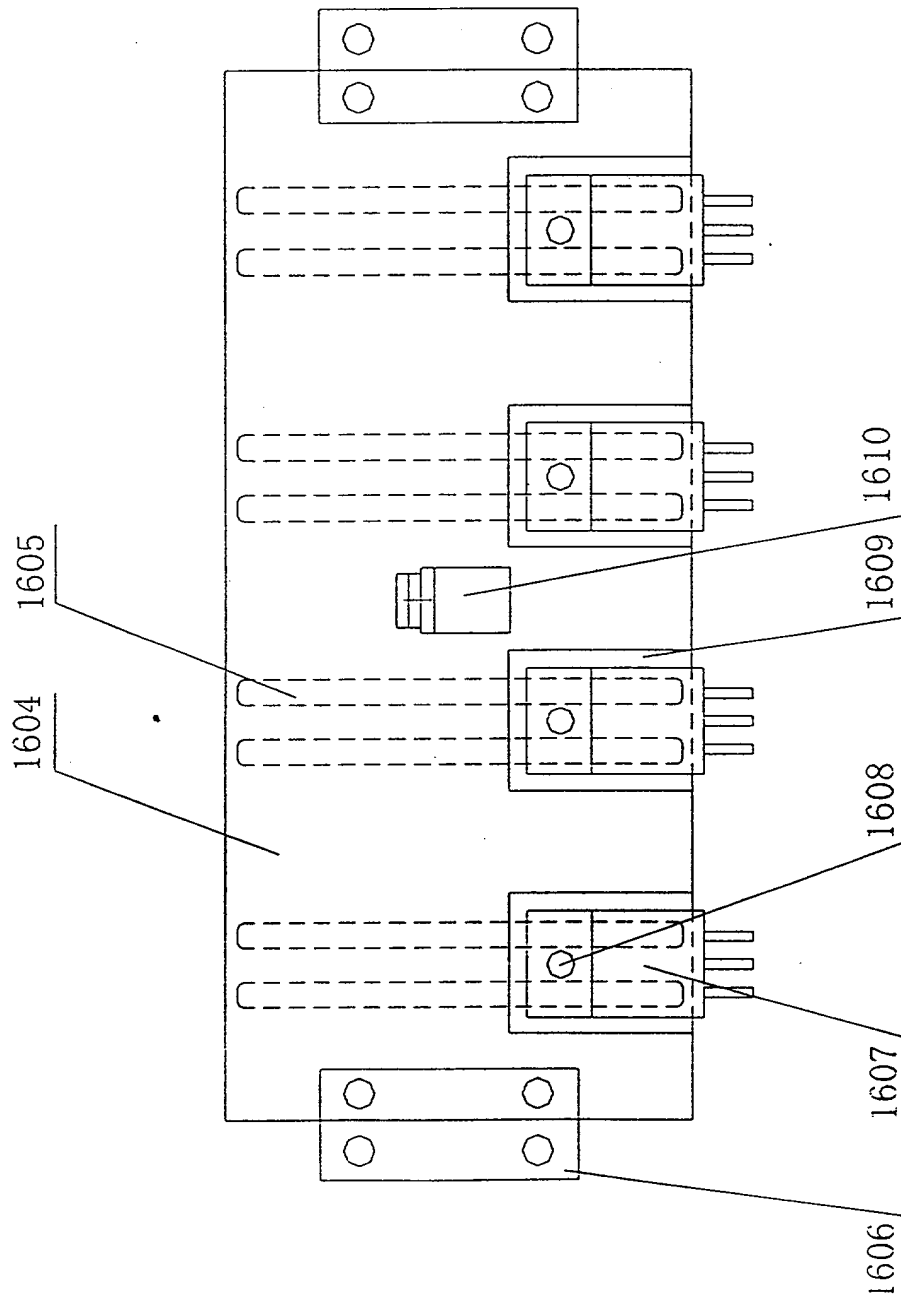


Fig. 16B



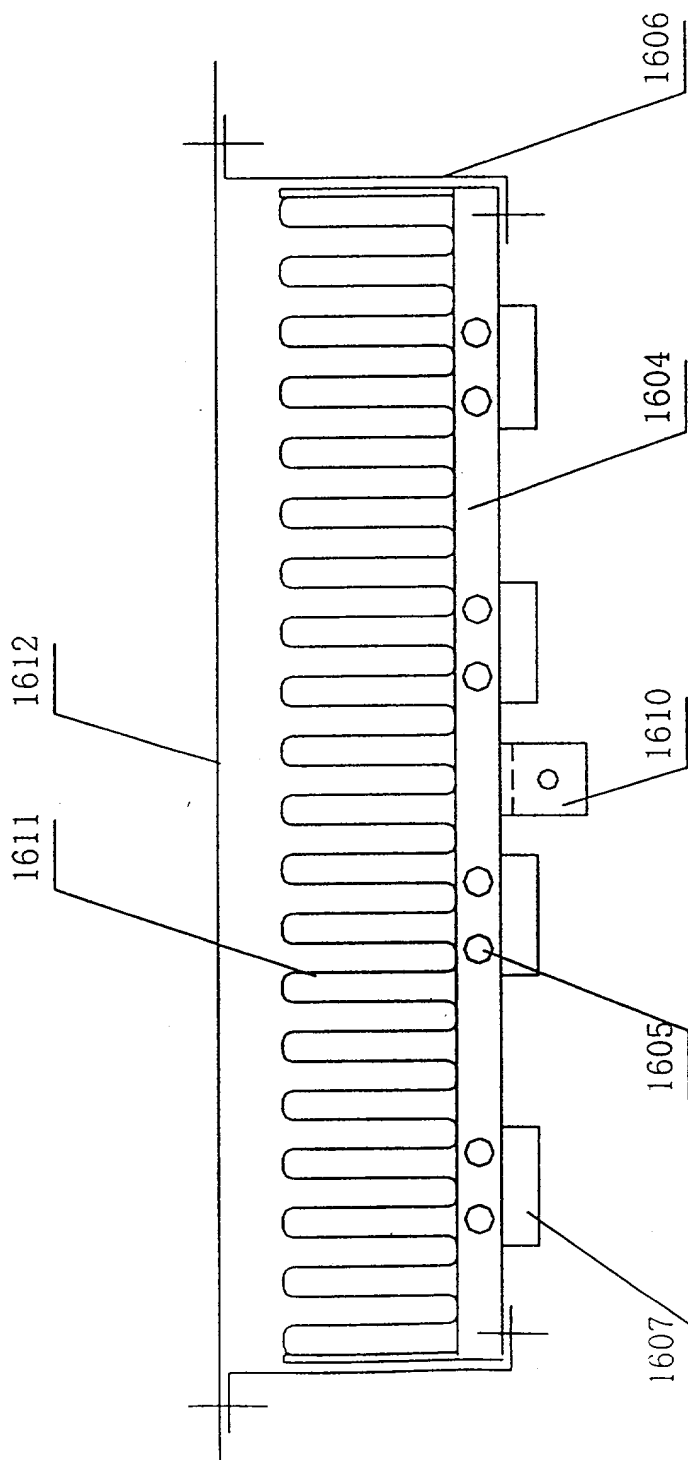


Fig. 16C

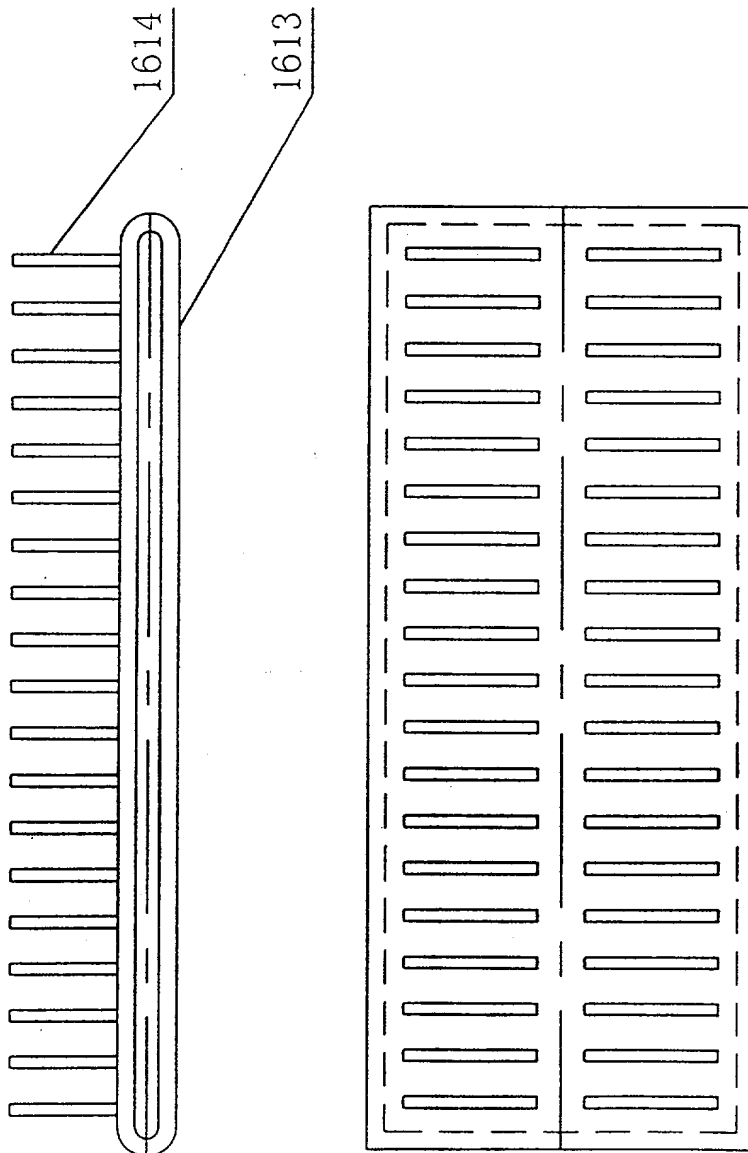


Fig. 16D

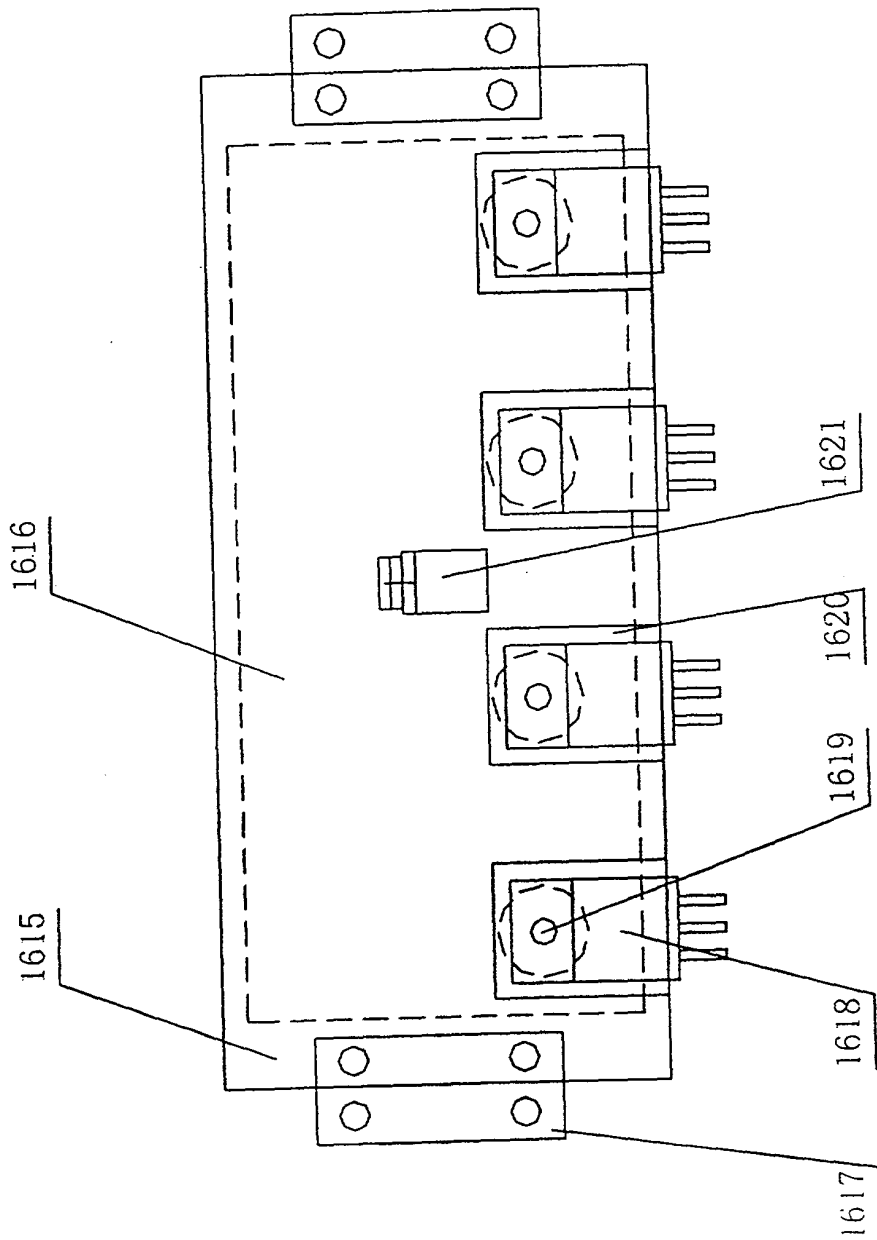


Fig. 16E

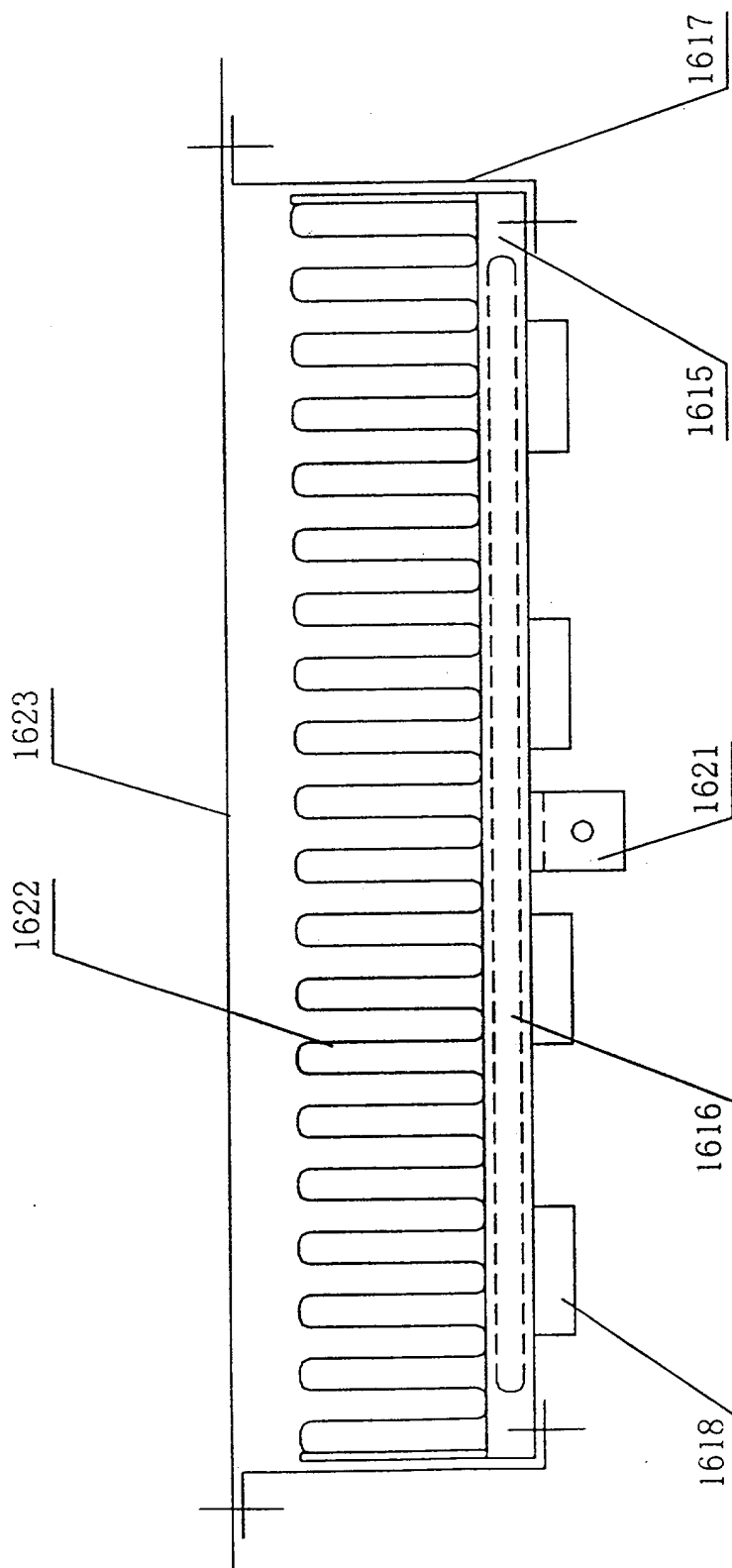


Fig. 16F

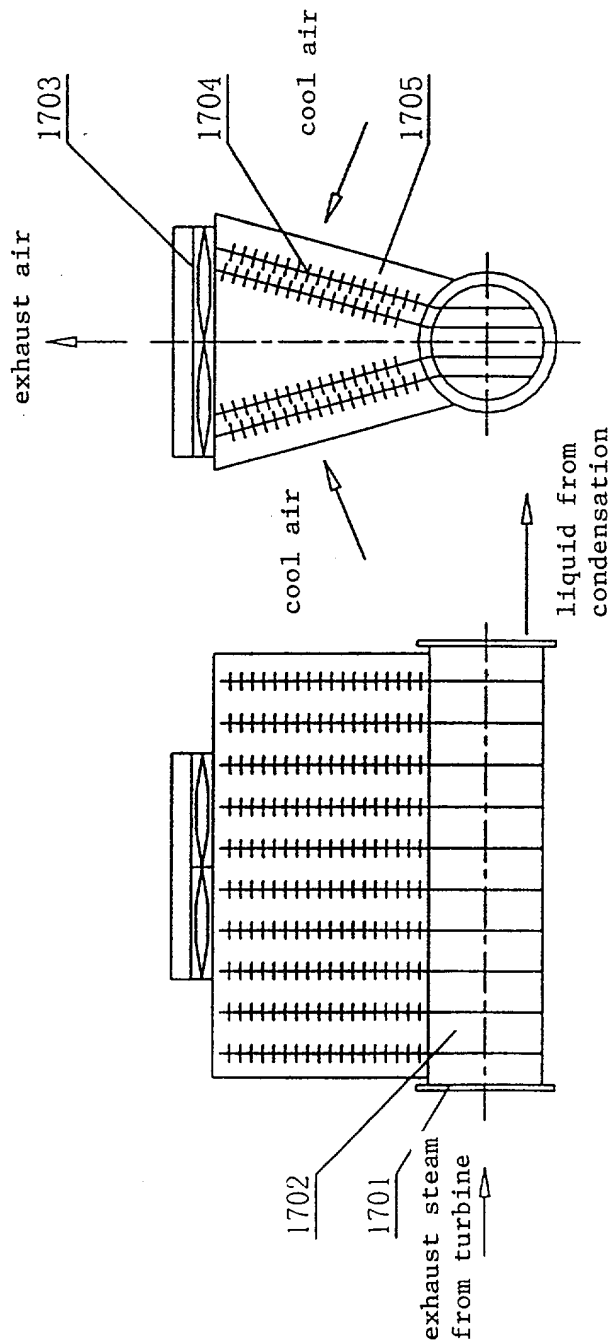


Fig. 17A

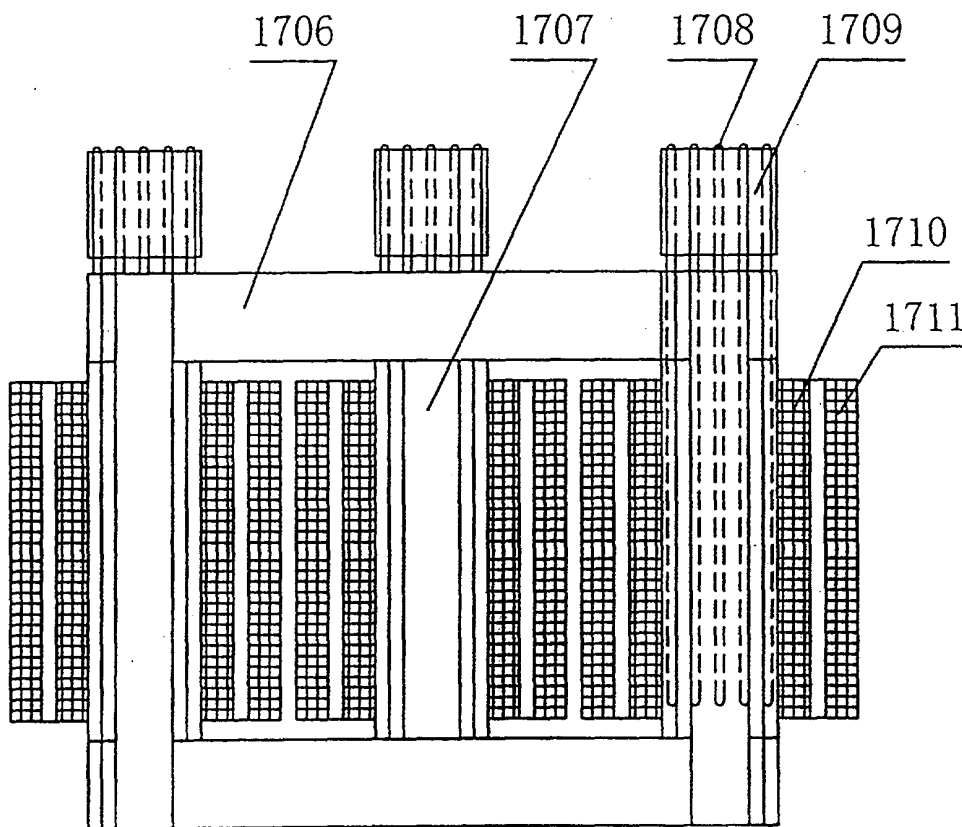


Fig. 17B

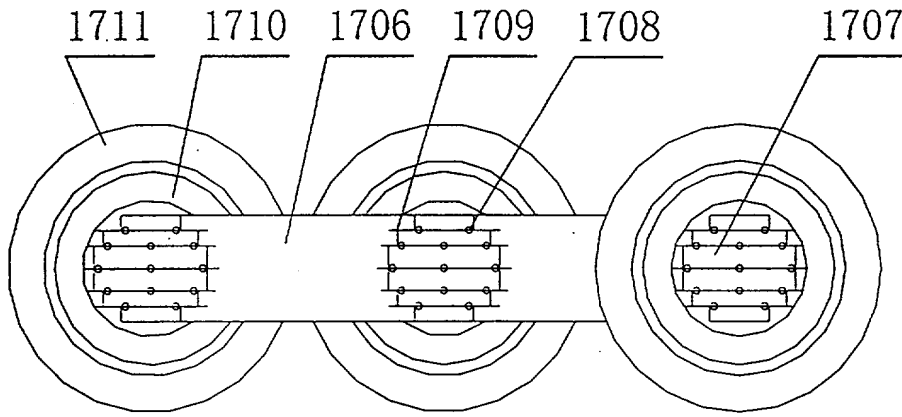


Fig. 17C

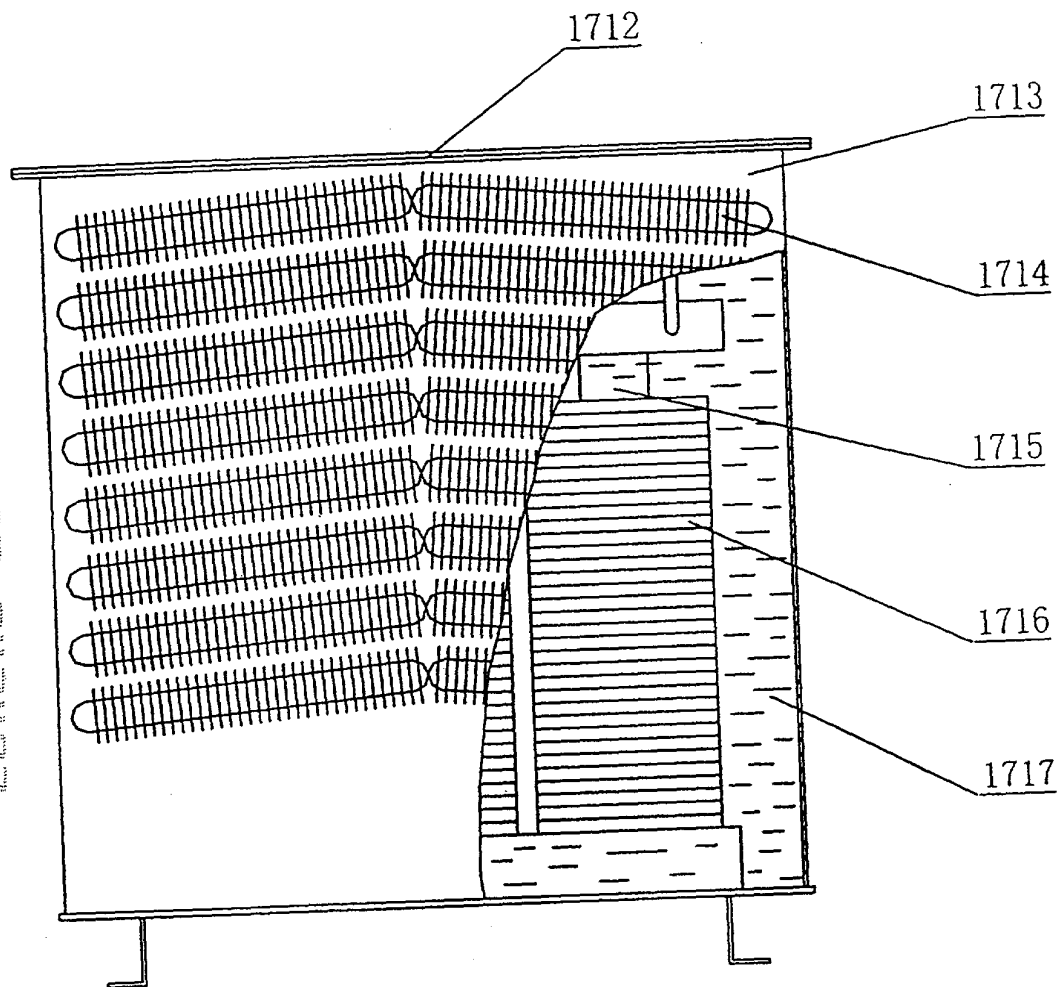


Fig. 17D



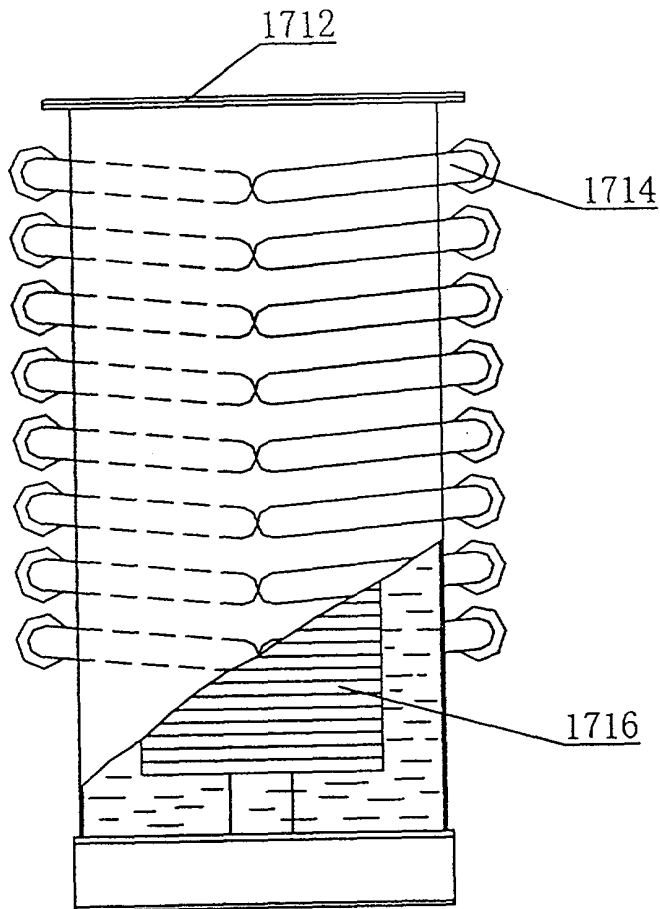


Fig. 17E

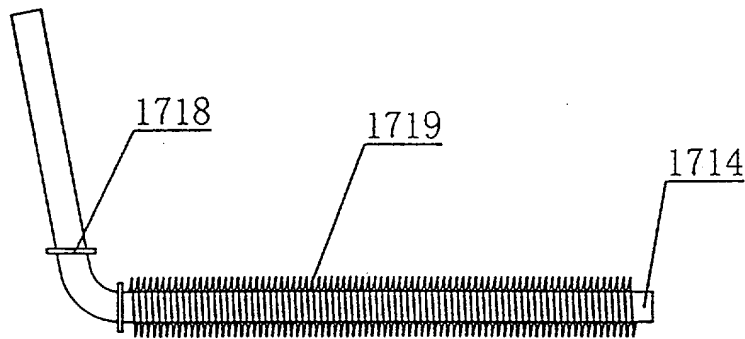


Fig. 17F

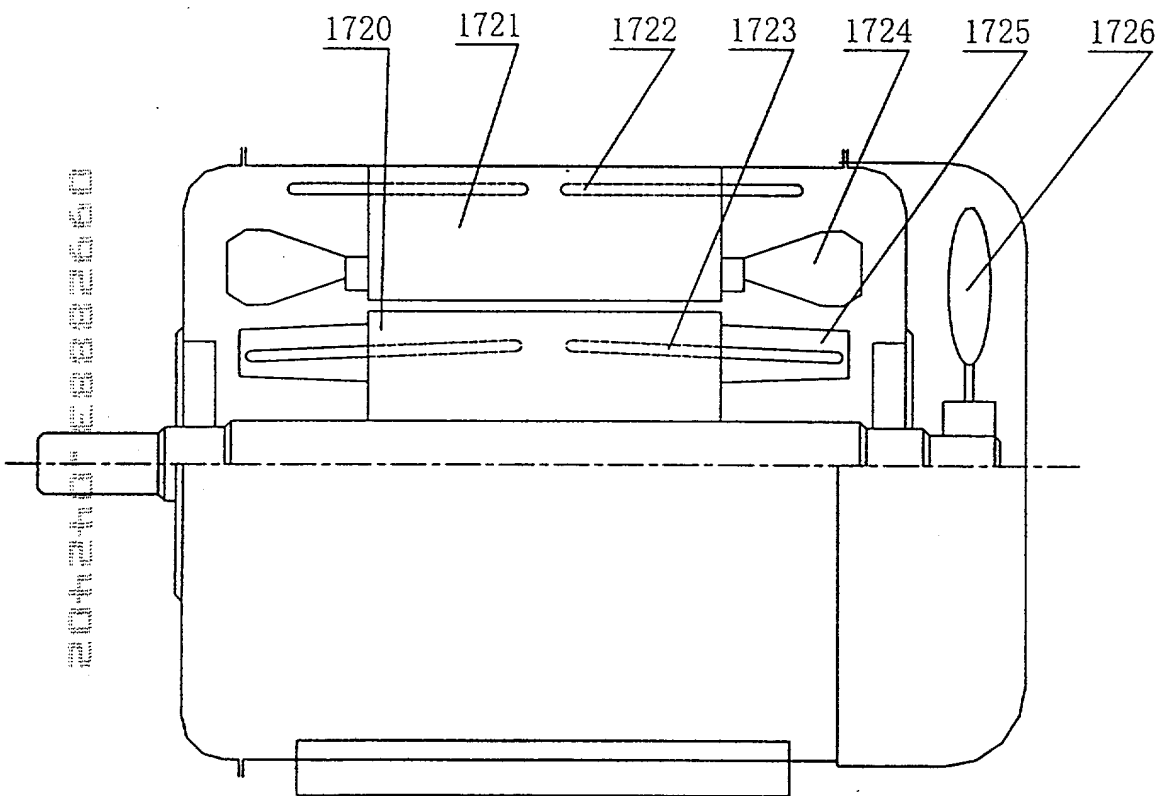


Fig. 17G

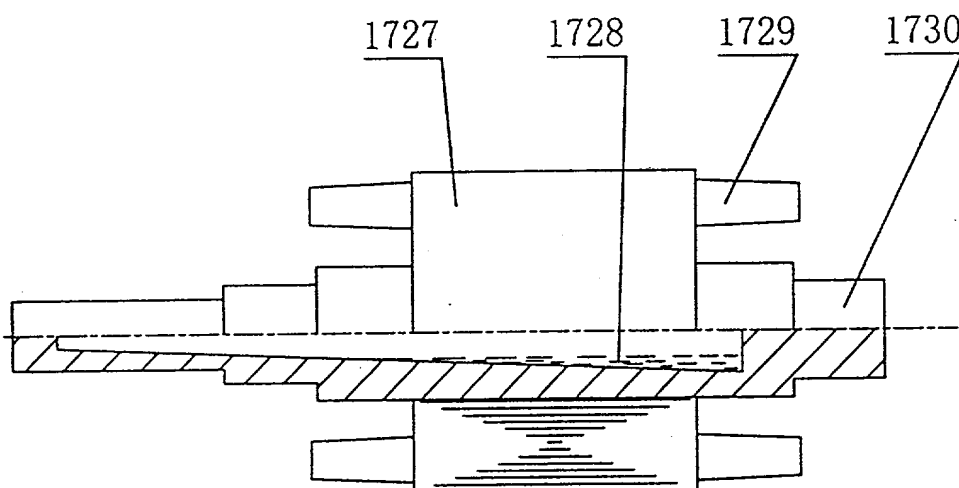


Fig. 17H

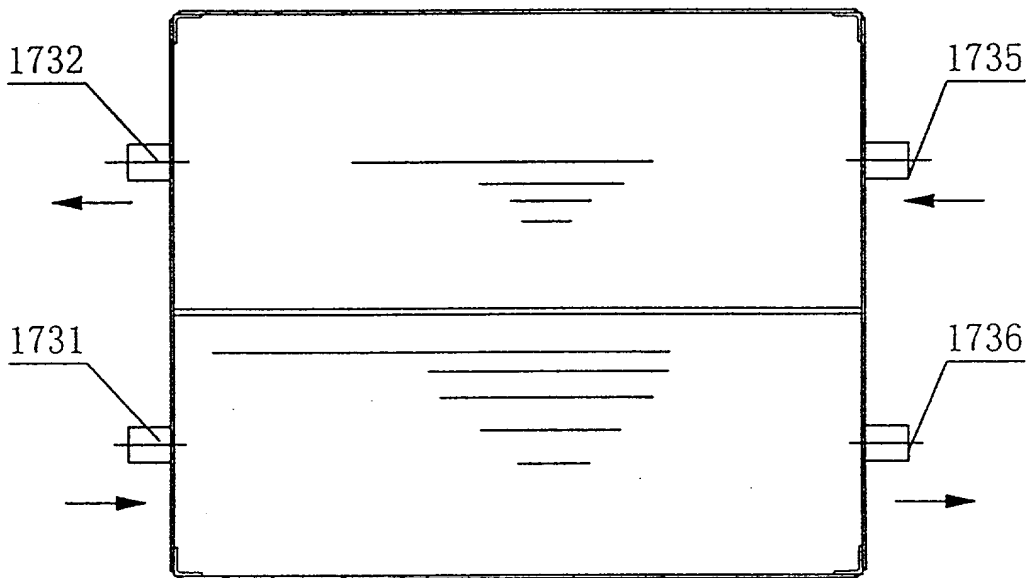


Fig. 17I

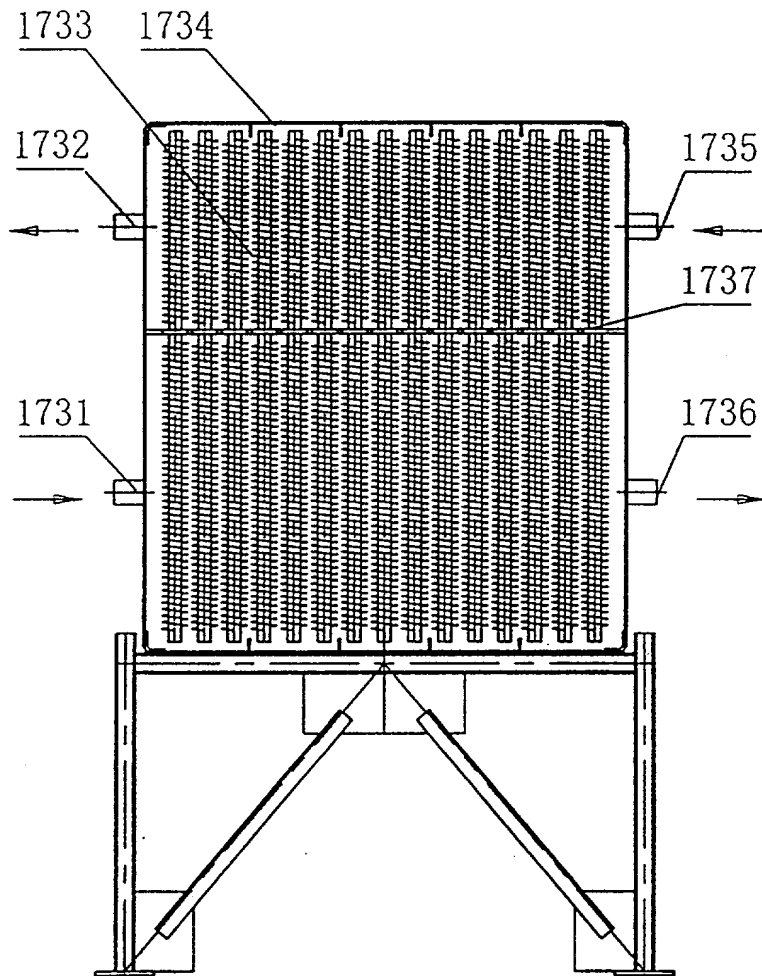


Fig. 17J

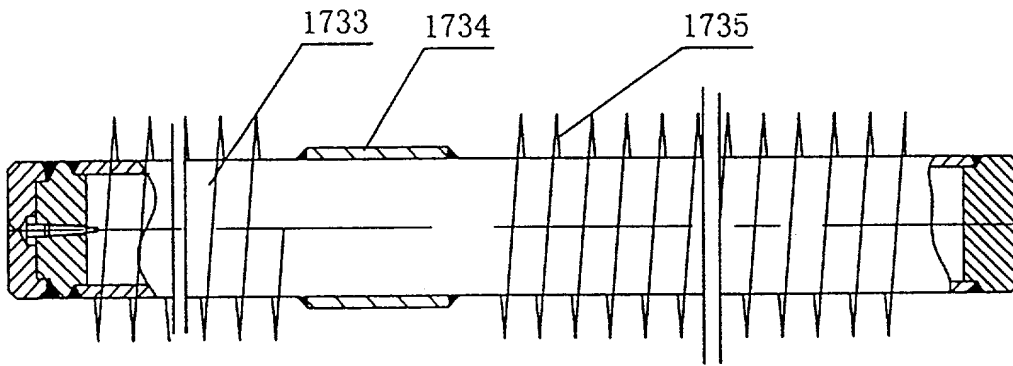


Fig. 17K

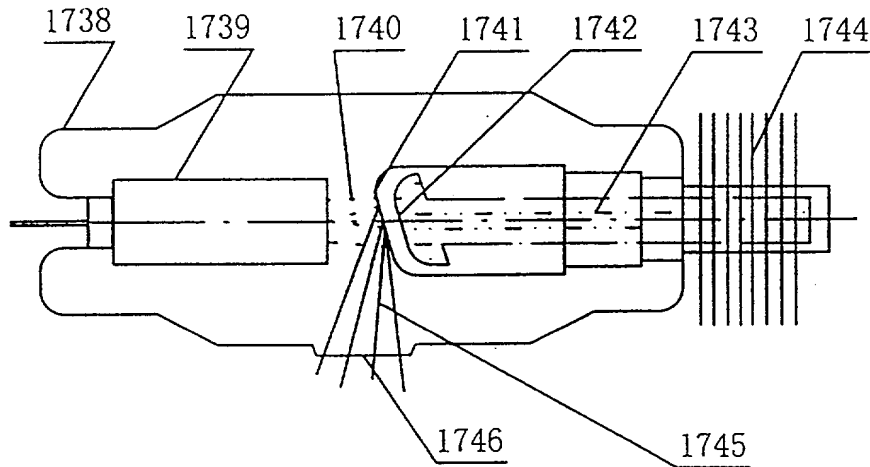


Fig. 17L



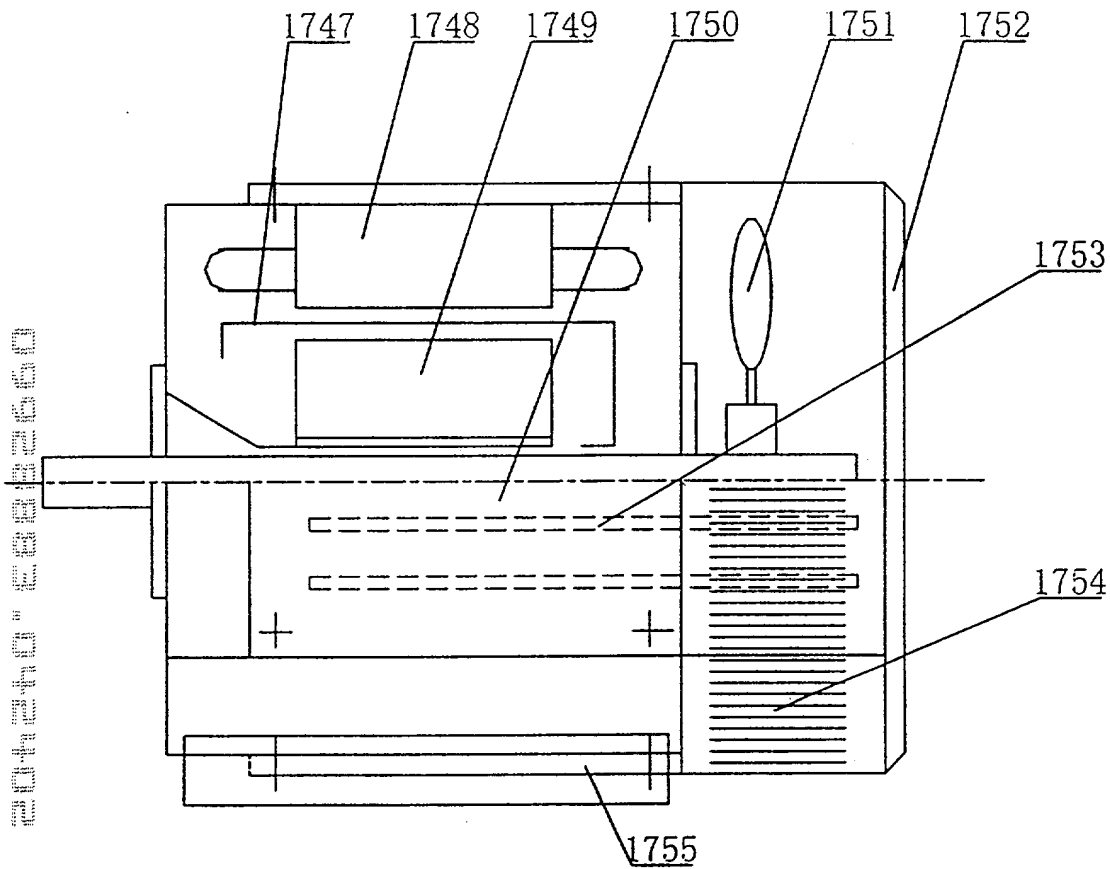


Fig. 17M

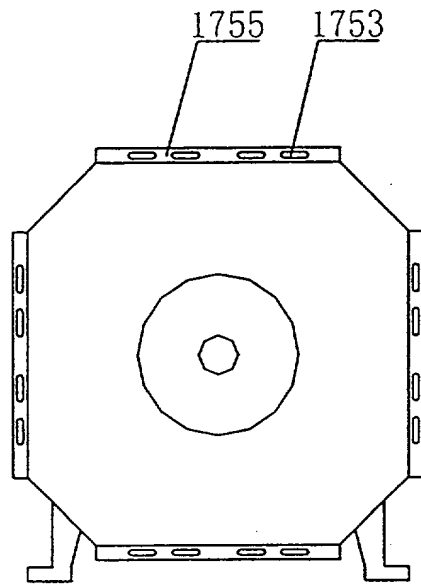


Fig. 17N

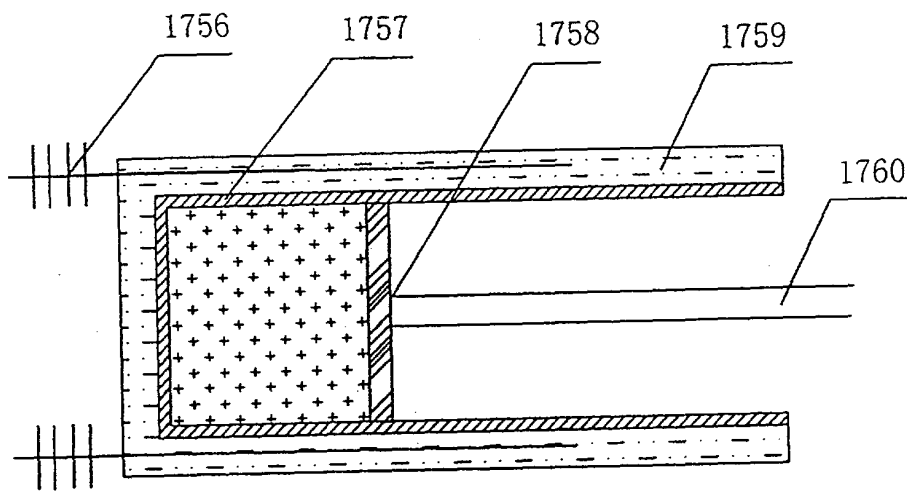


Fig. 17 O

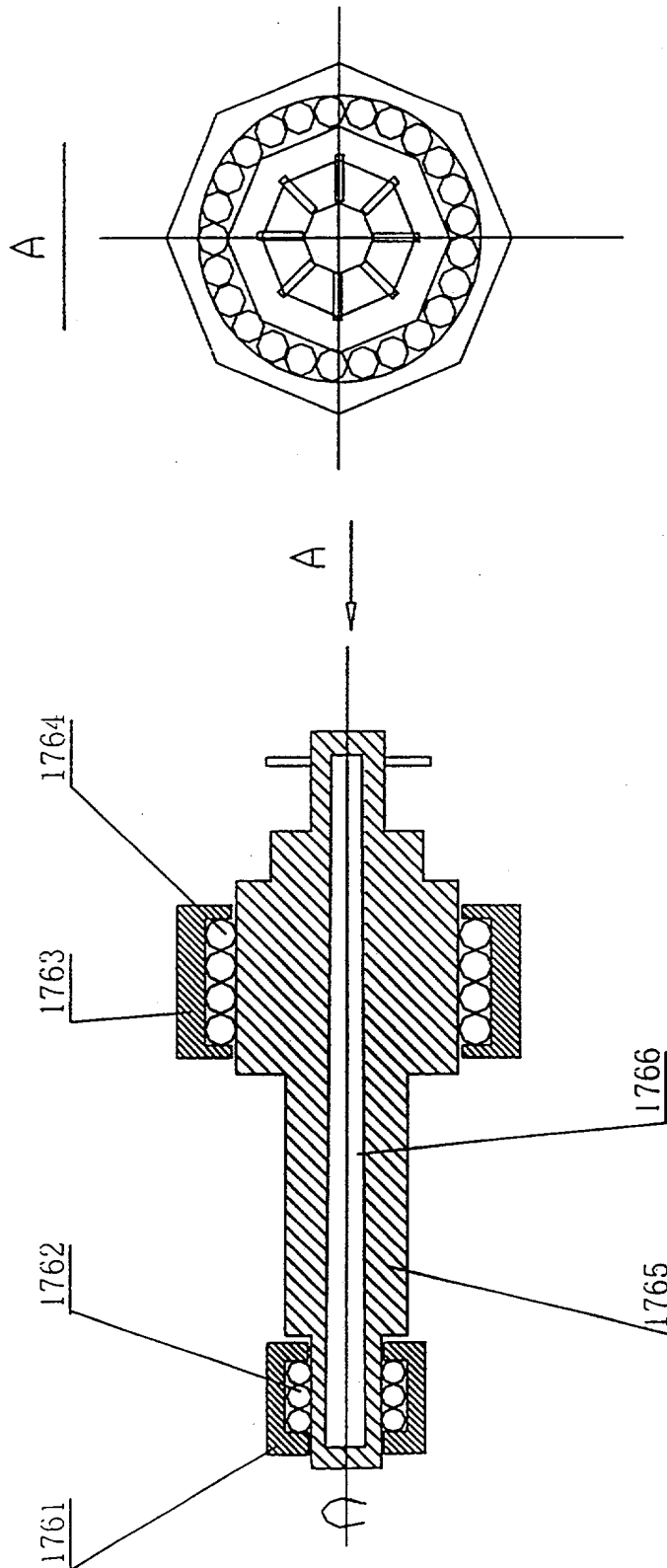


Fig. 17P

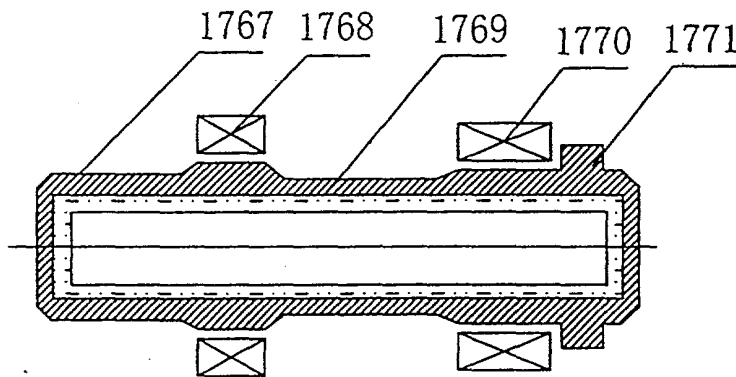


Fig. 17Q

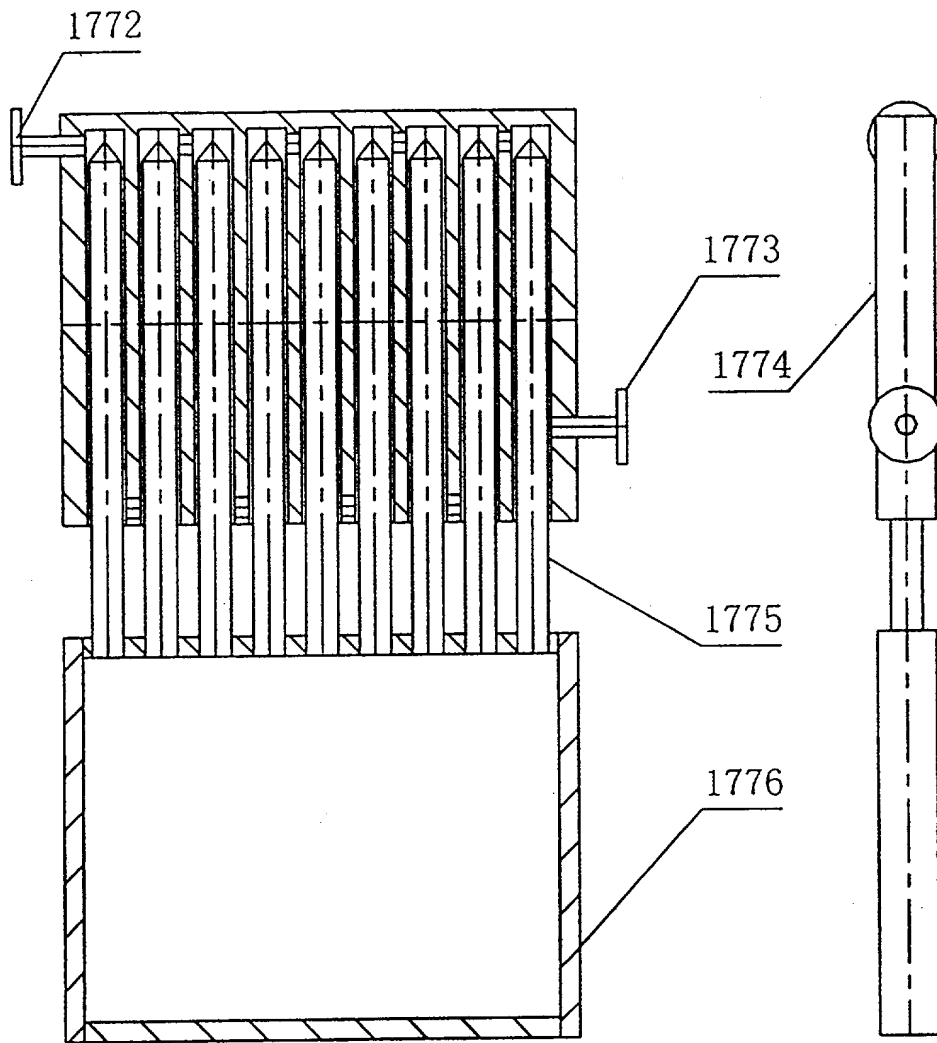


Fig. 17R

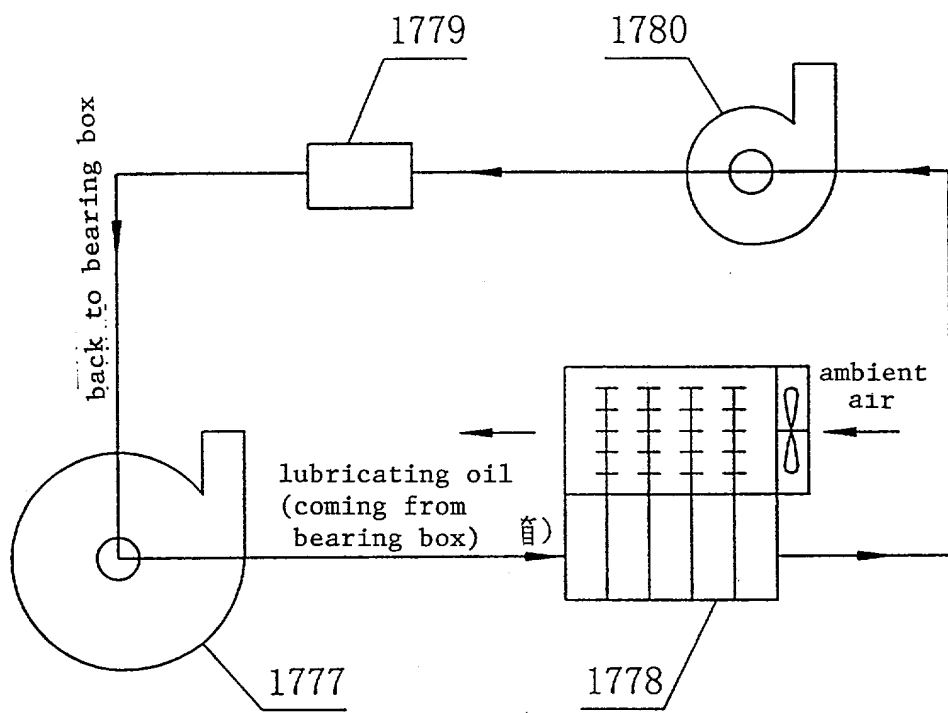


Fig. 17S

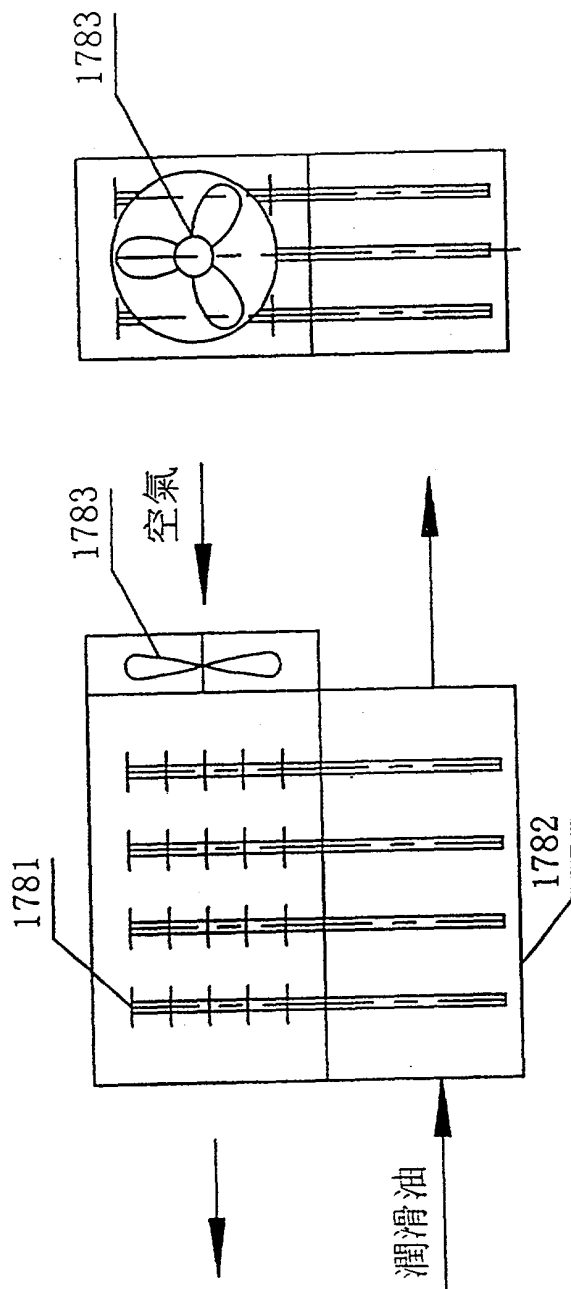


Fig. 17T



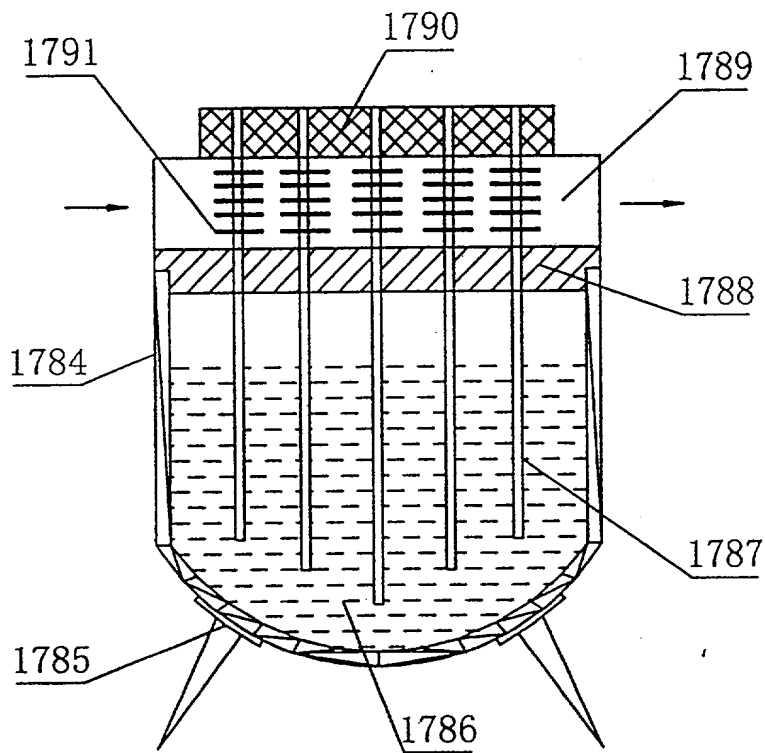


Fig. 17U

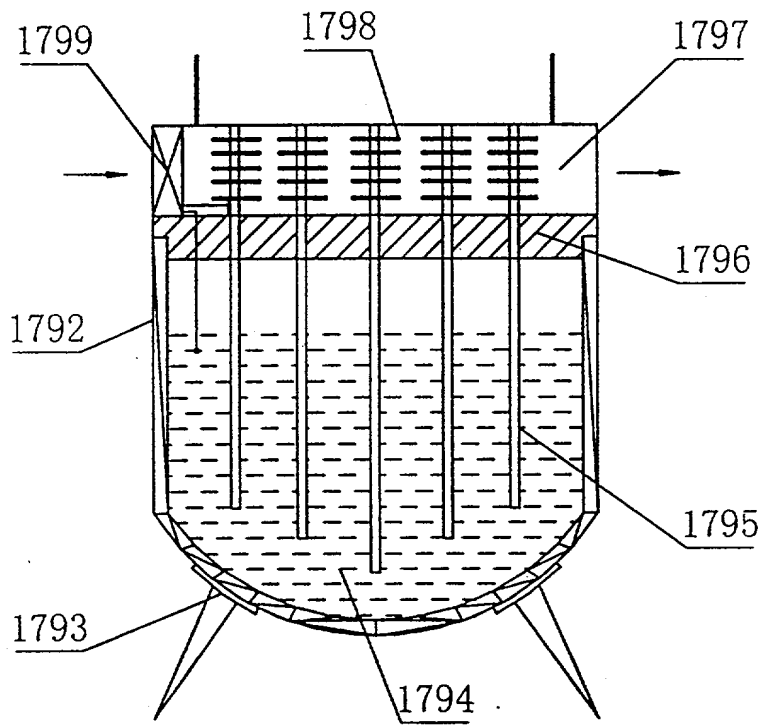


Fig. 17V

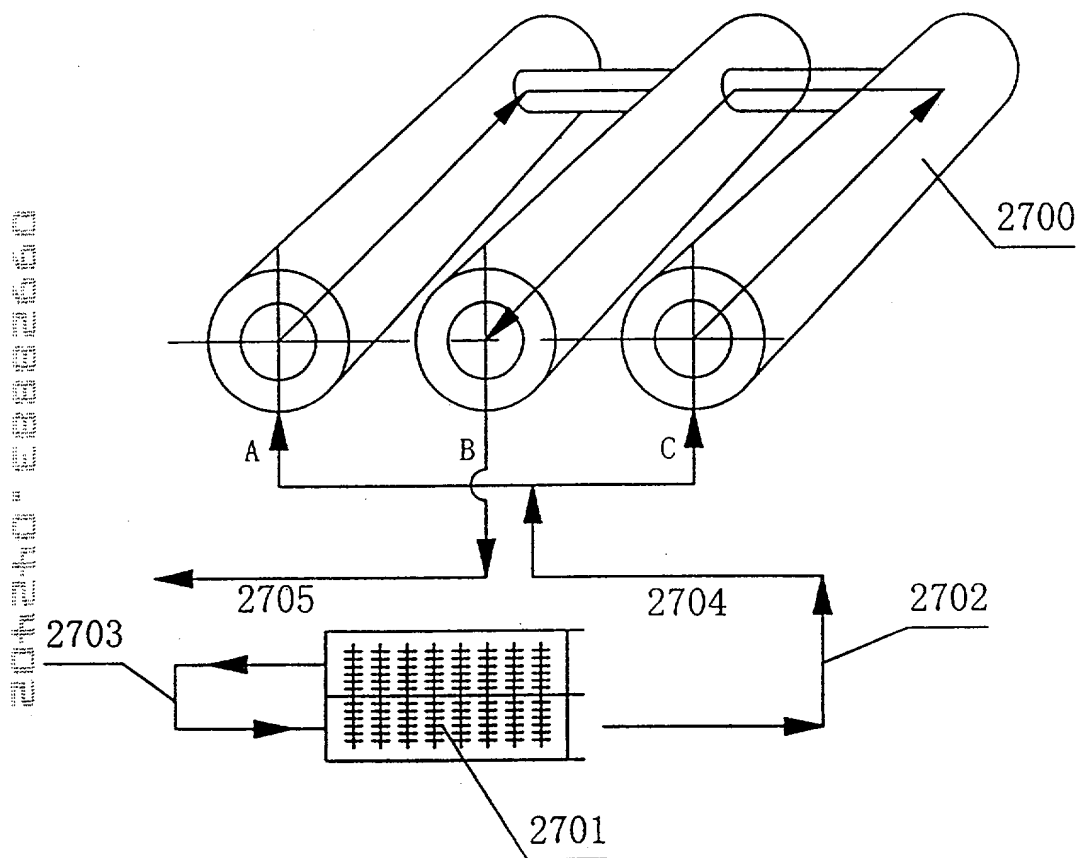


Fig. 17W



Fig. 17X

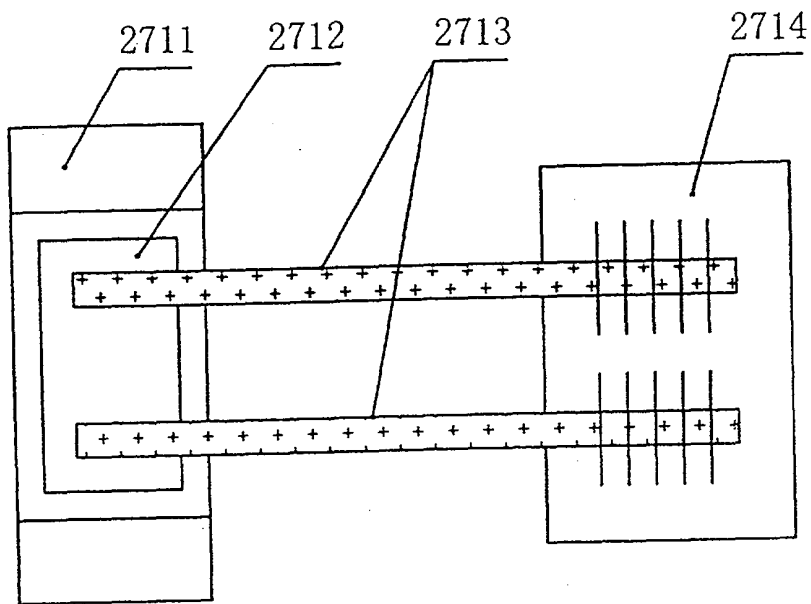


Fig. 17Y

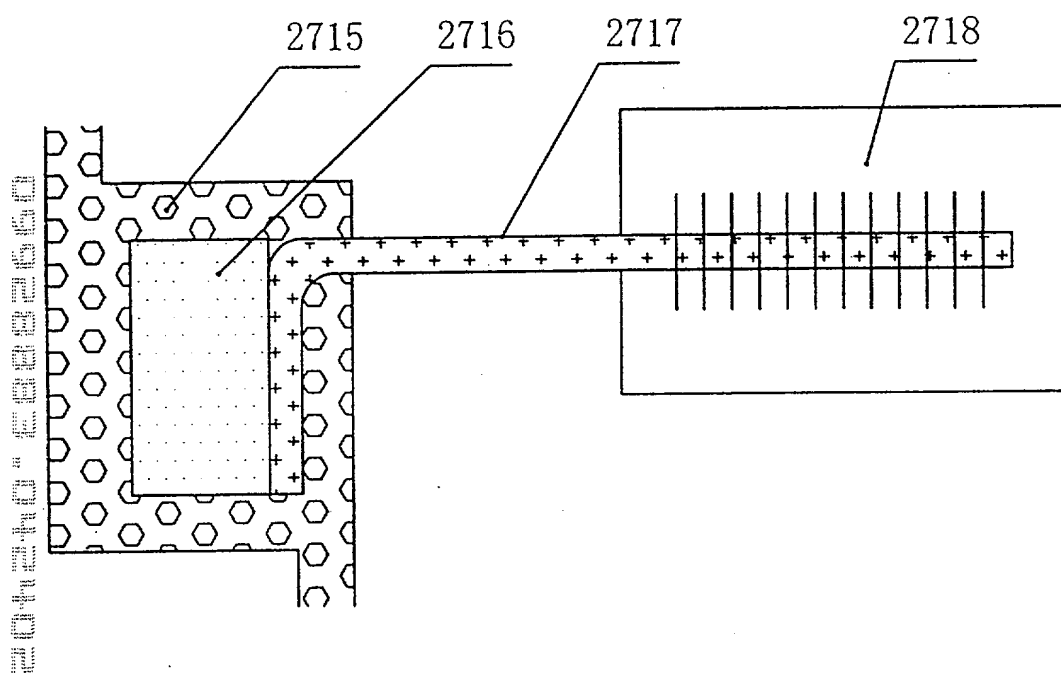


Fig. 17Z

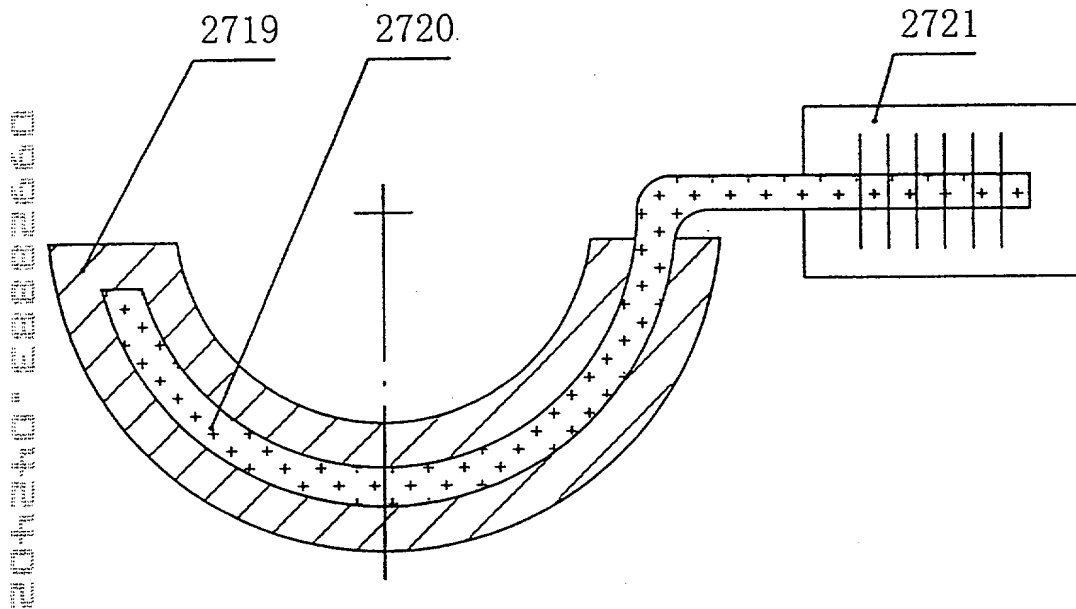


Fig. 17ZA

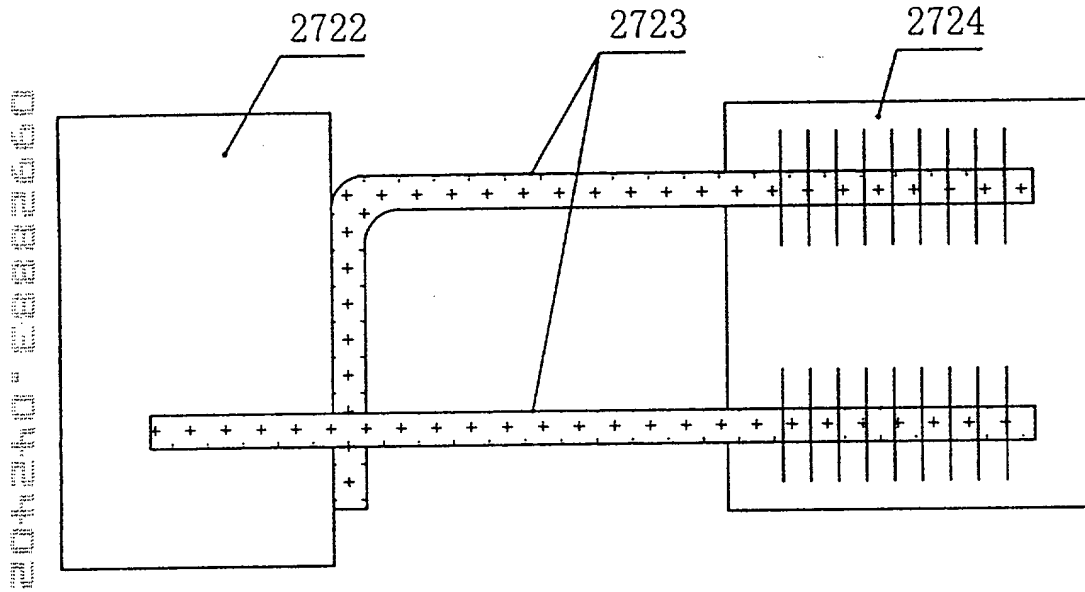


Fig. 17ZB



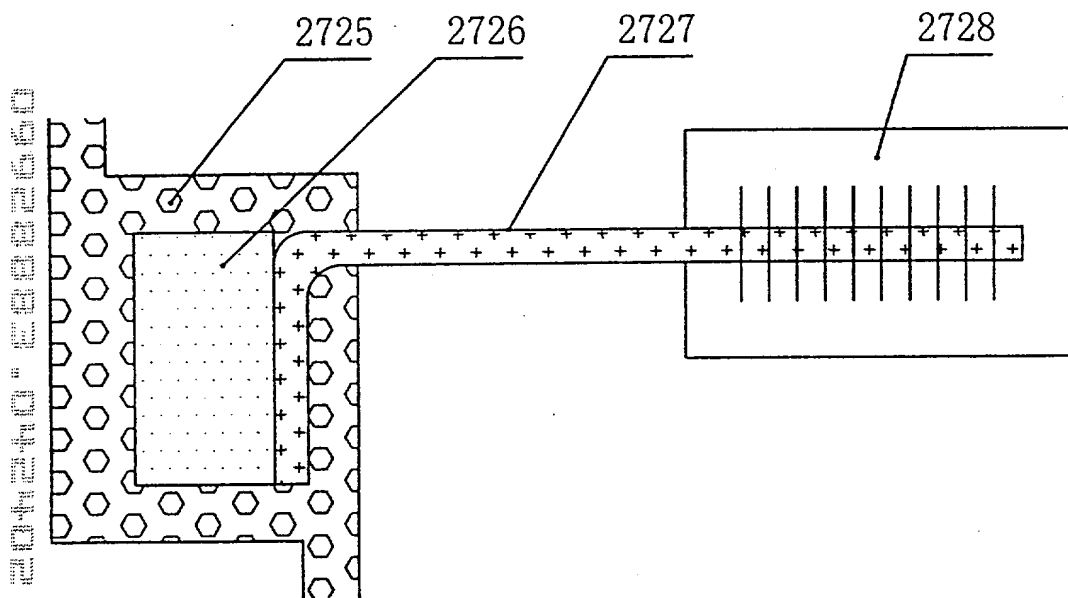


Fig. 17ZC

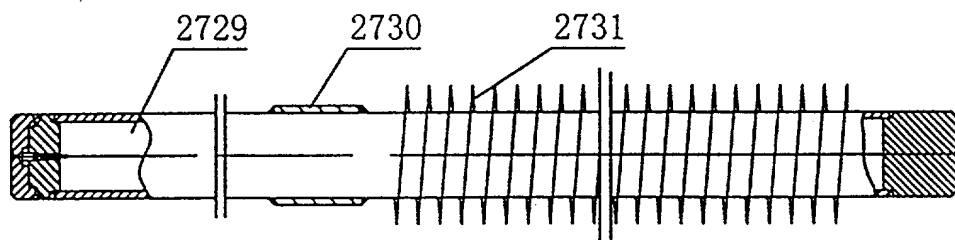


Fig. 17ZD

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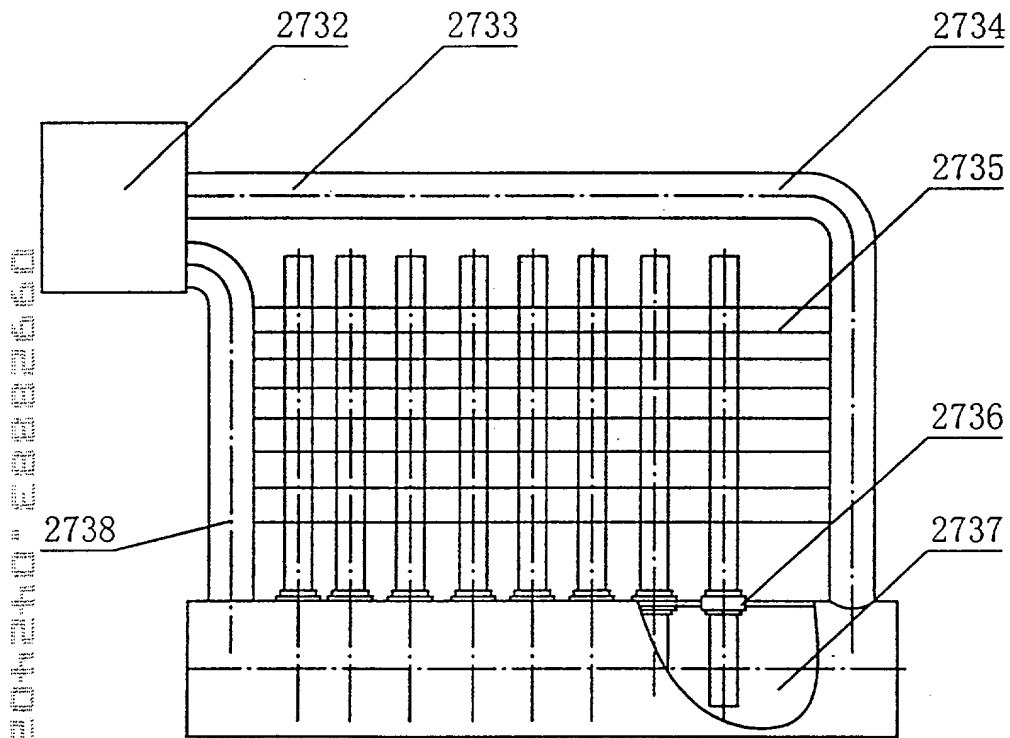


Fig. 17ZE

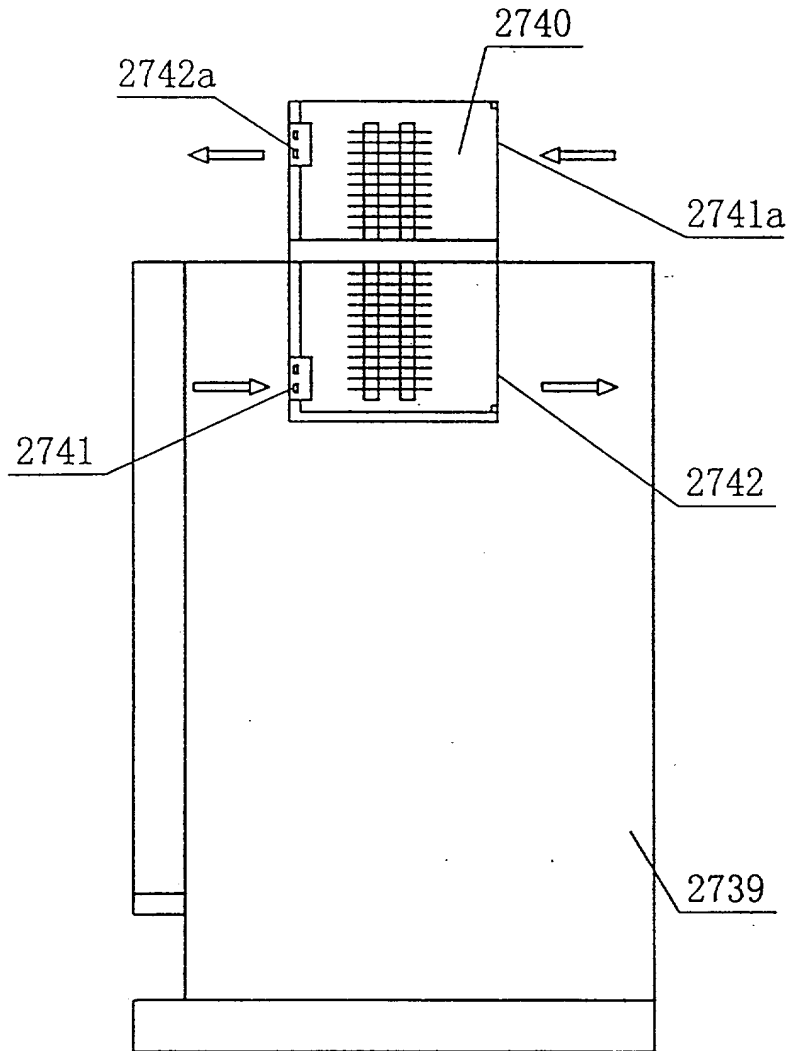


Fig. 17ZF

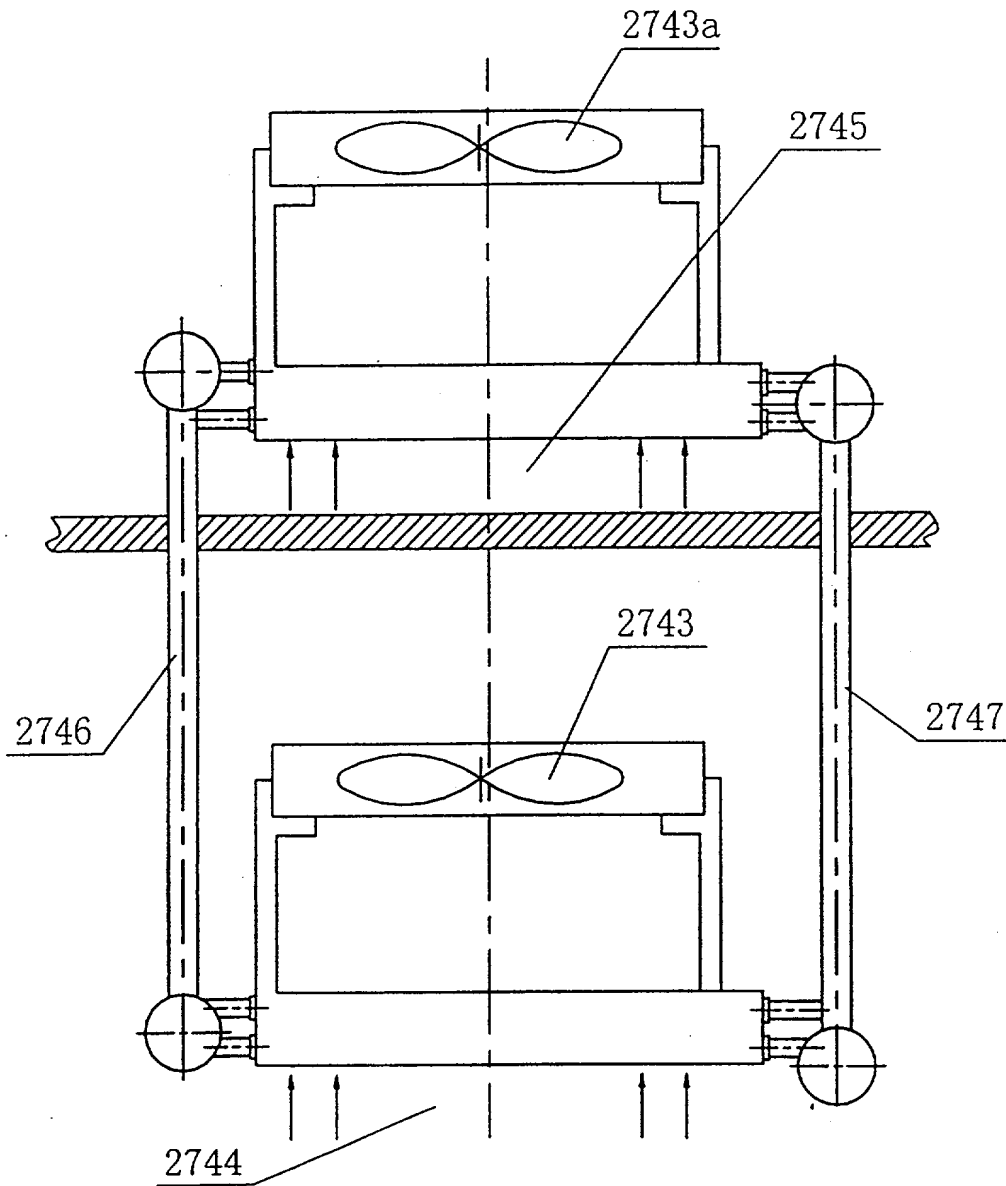


Fig. 17ZG

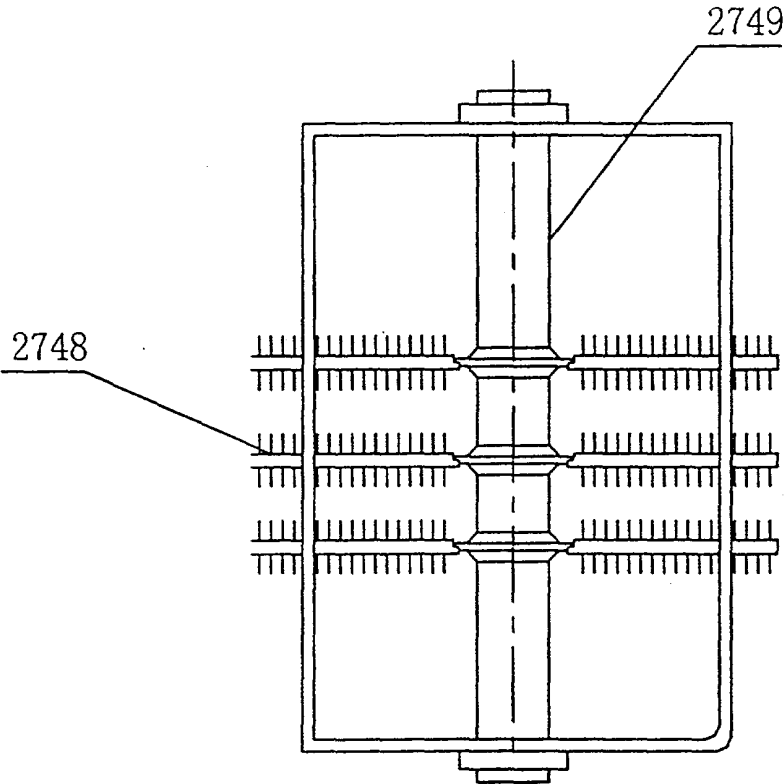


Fig. 17ZH

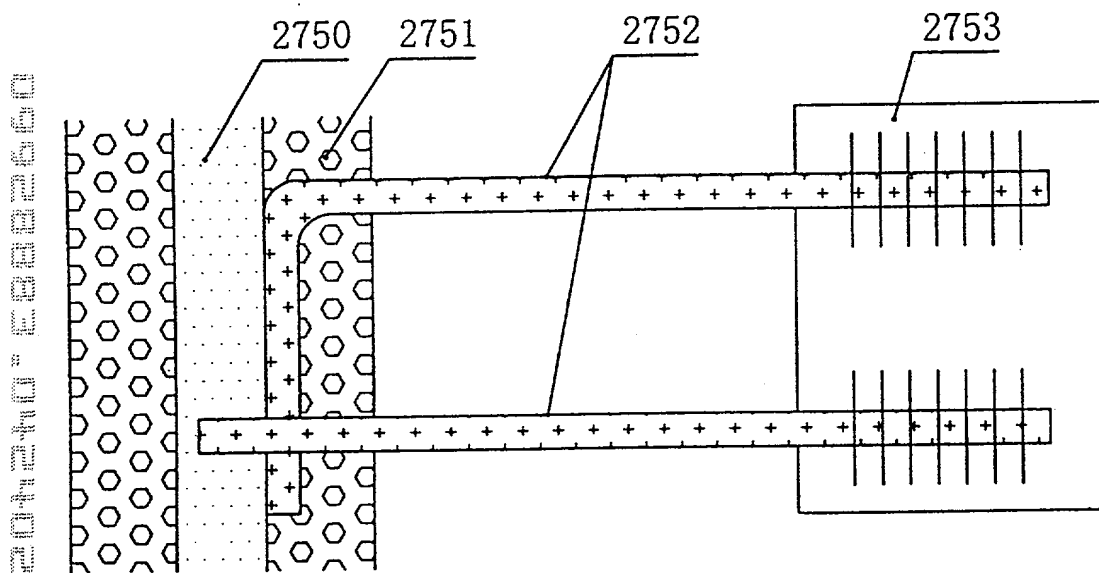


Fig. 17ZI

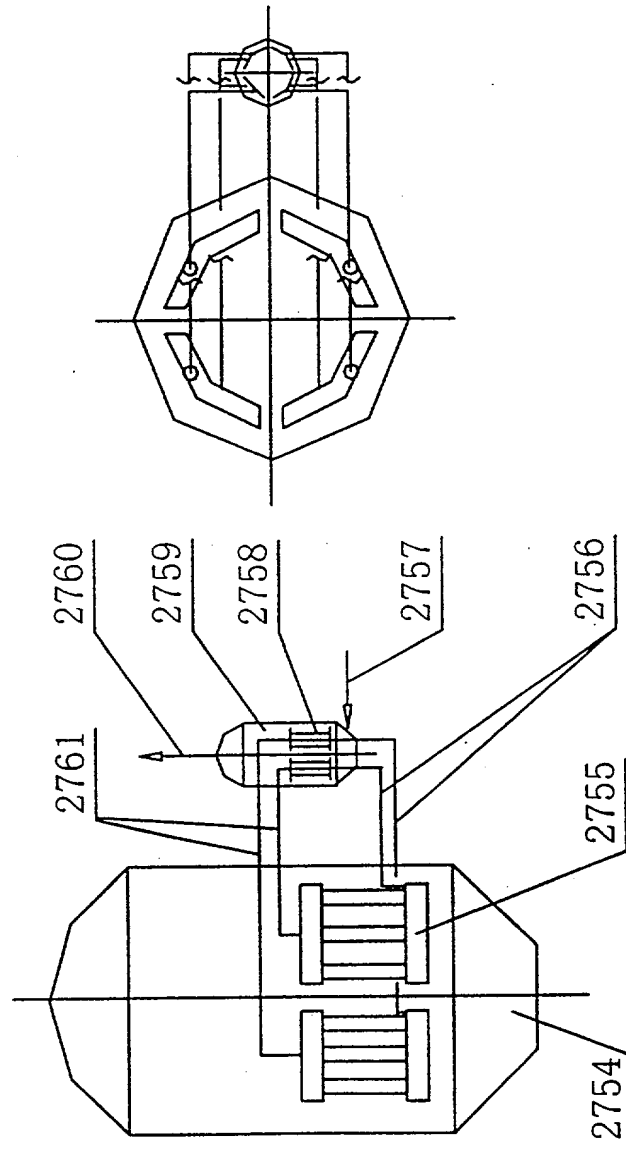


Fig. 17ZJ

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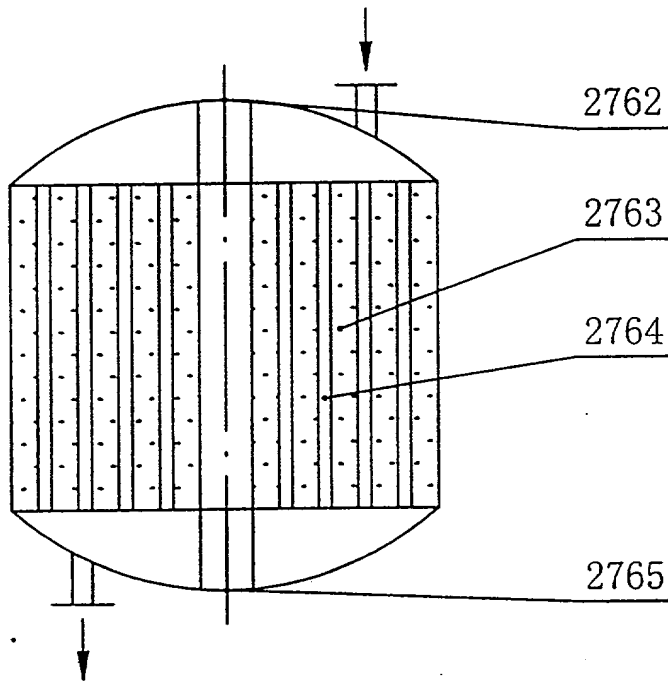


Fig. 17ZK

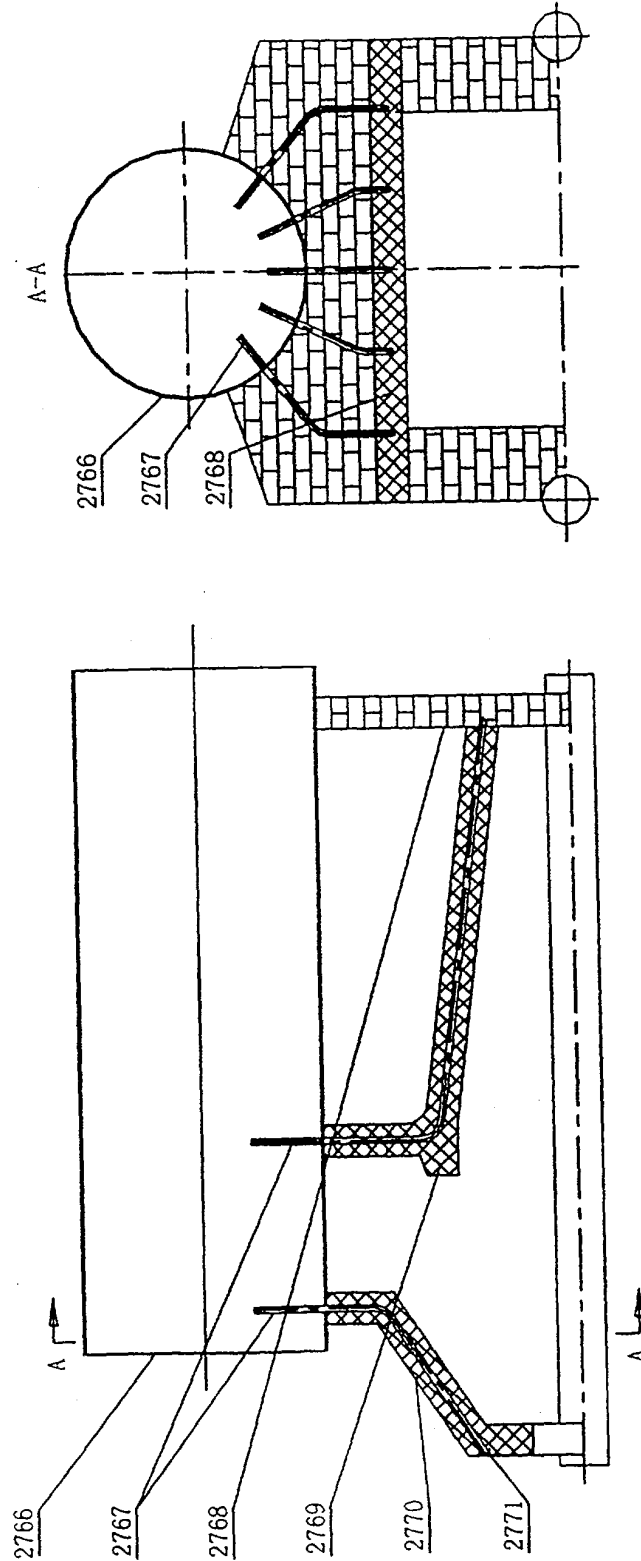


Fig. 17ZL

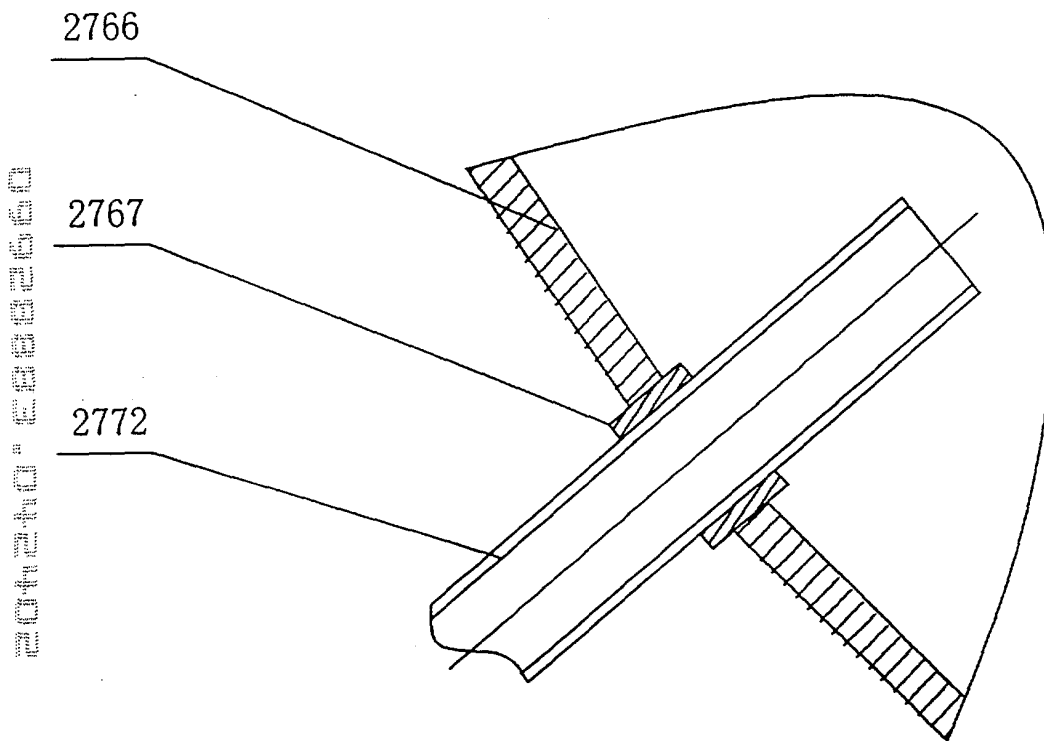


Fig. 17ZM

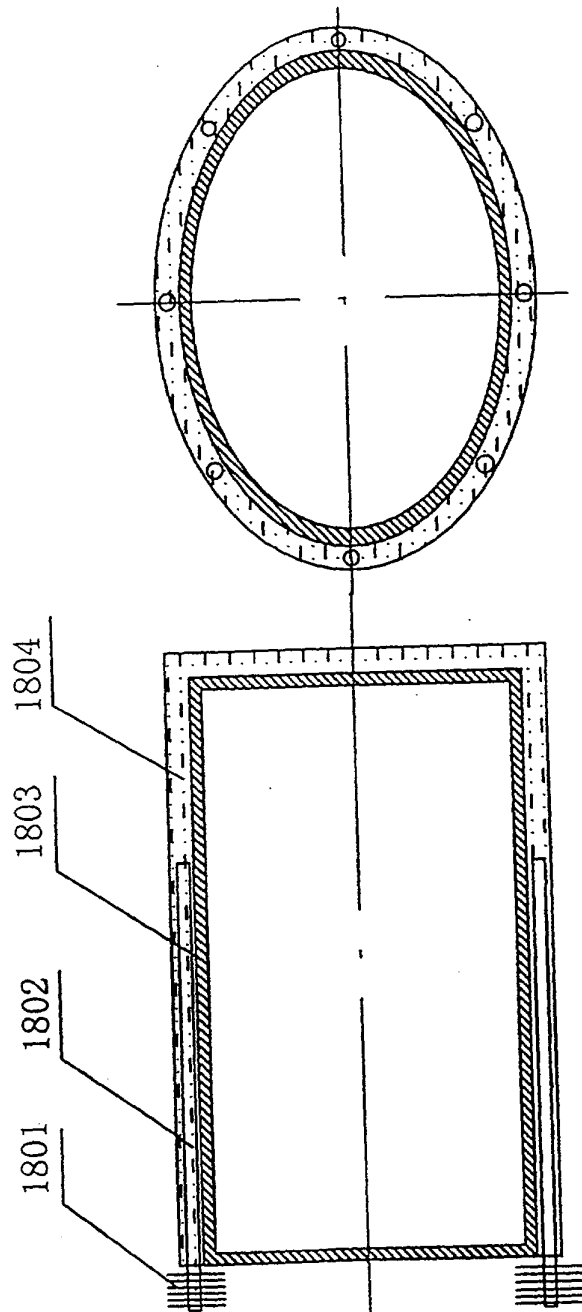


Fig. 18B

Fig. 18A

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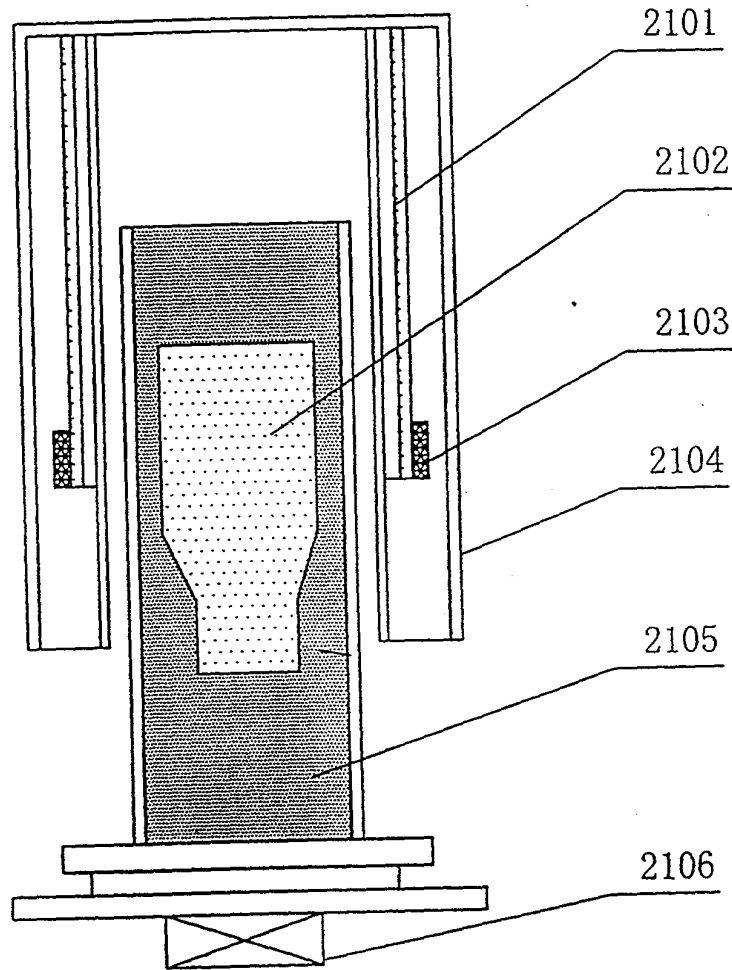


Fig. 21A

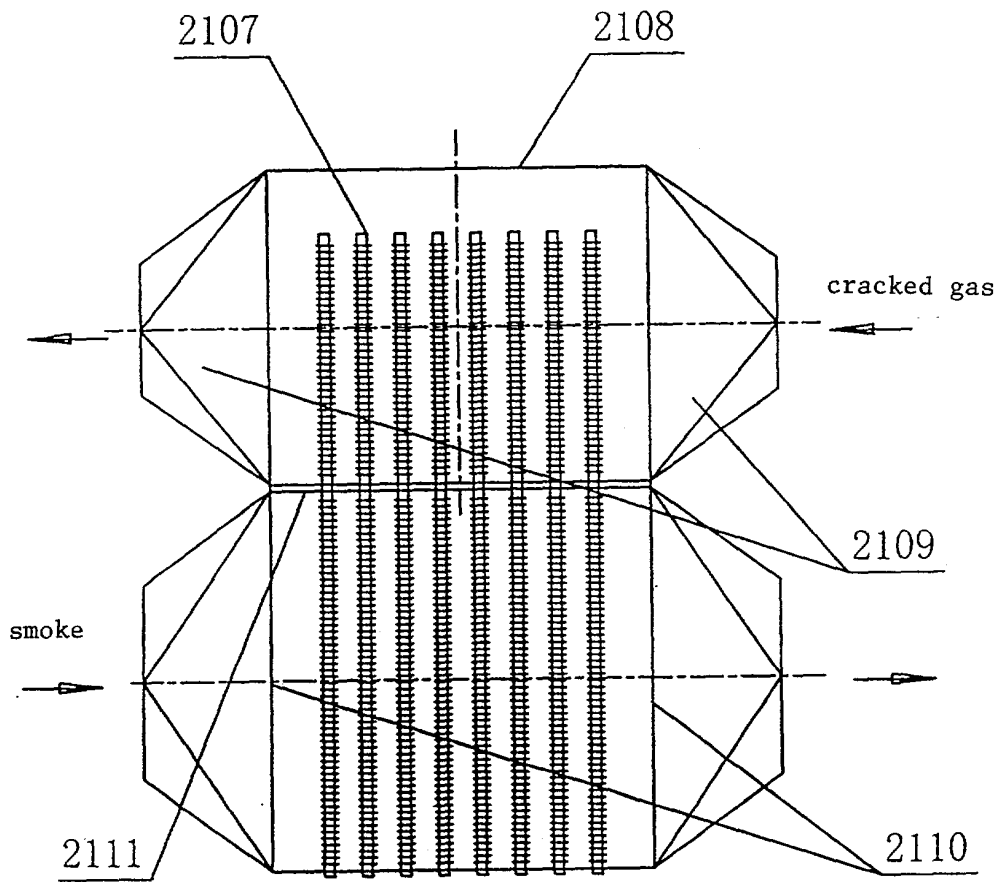


Fig. 21B

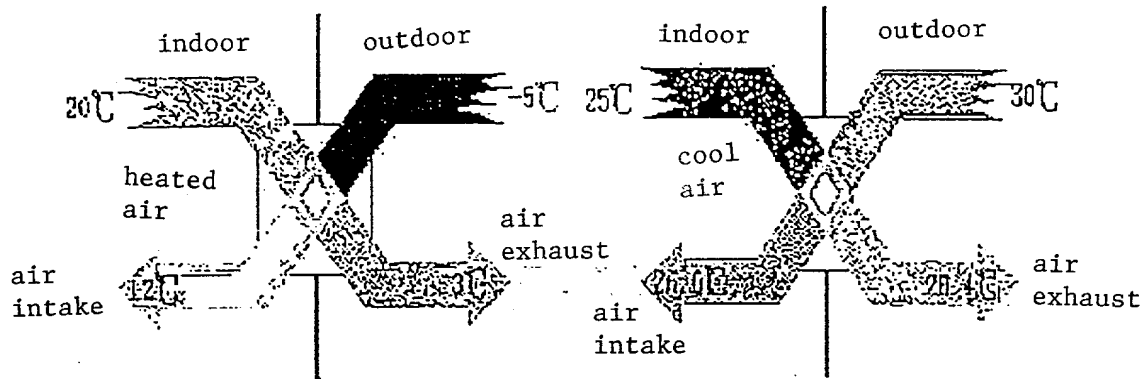


Fig. 21C

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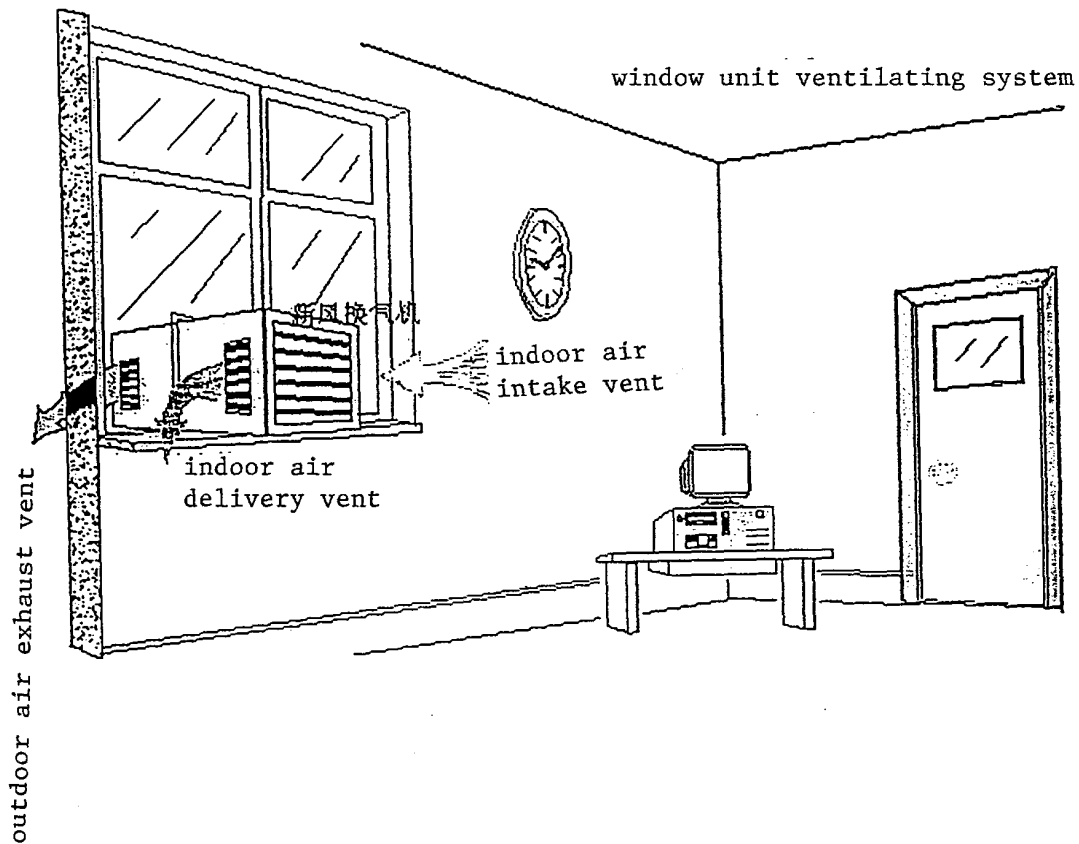


Fig. 21D



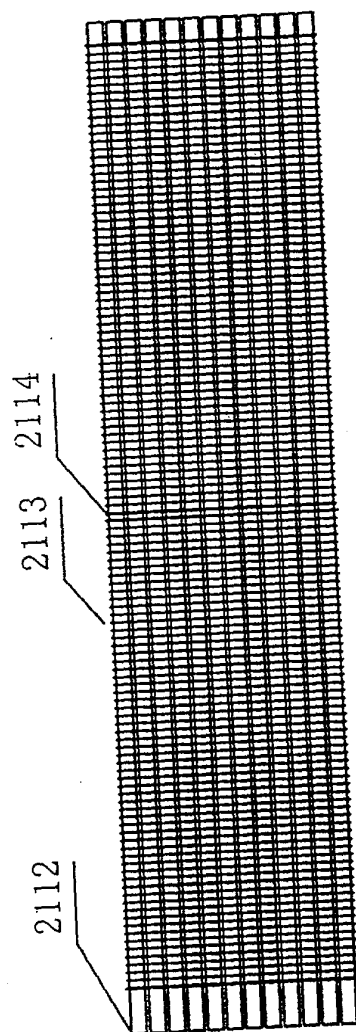


Fig. 21E

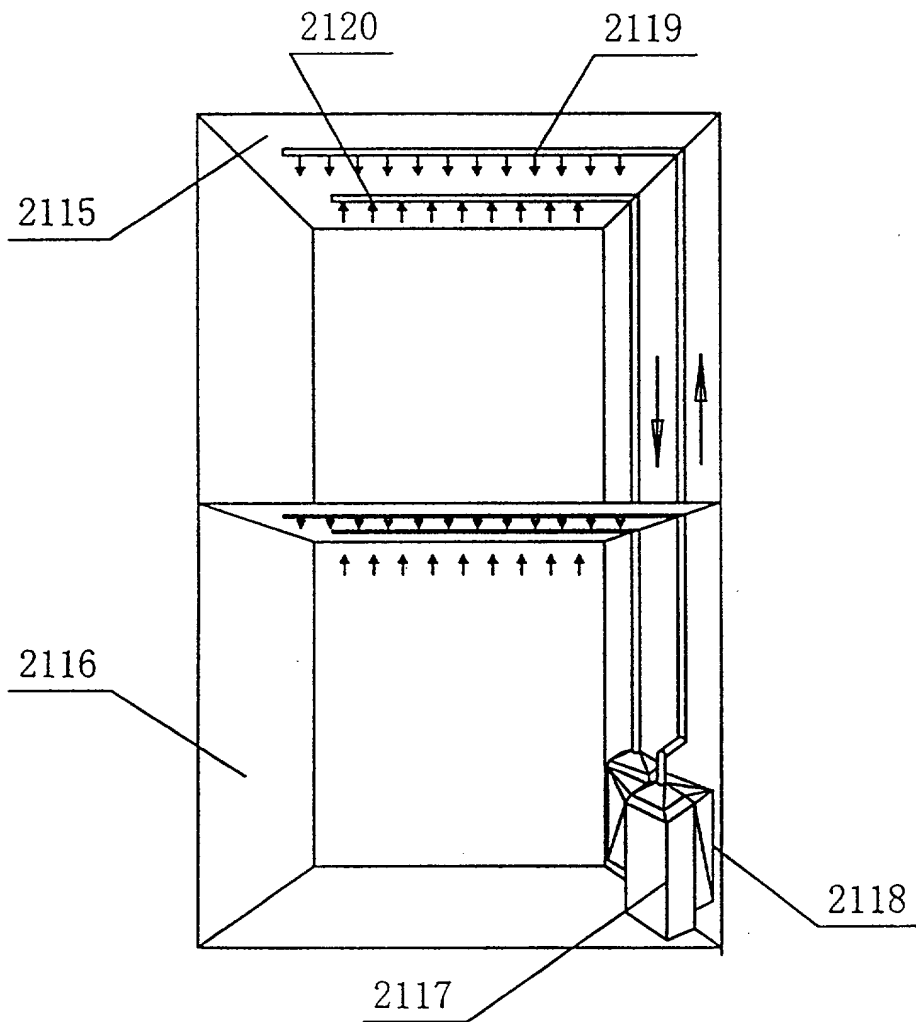


Fig. 21F

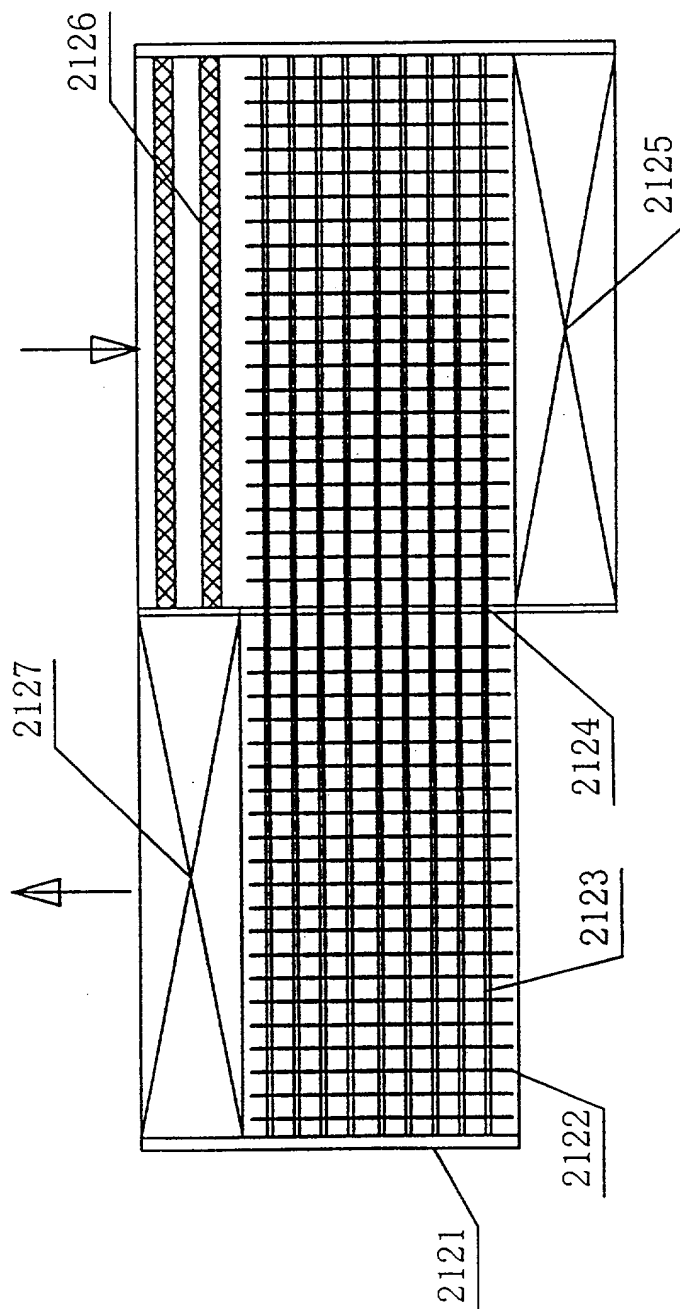


Fig. 21G

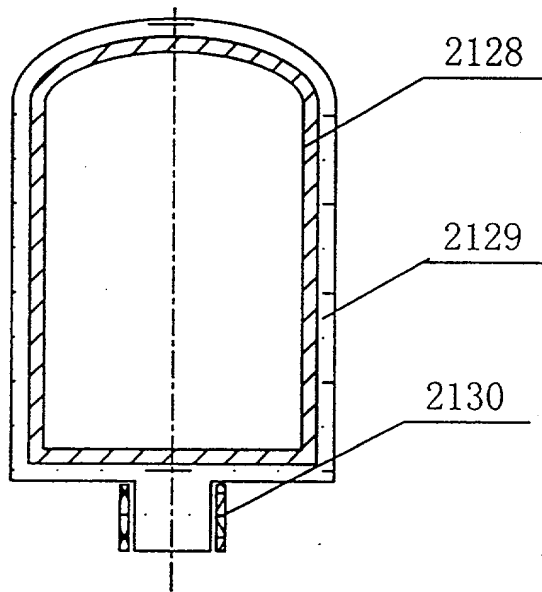


Fig. 21H

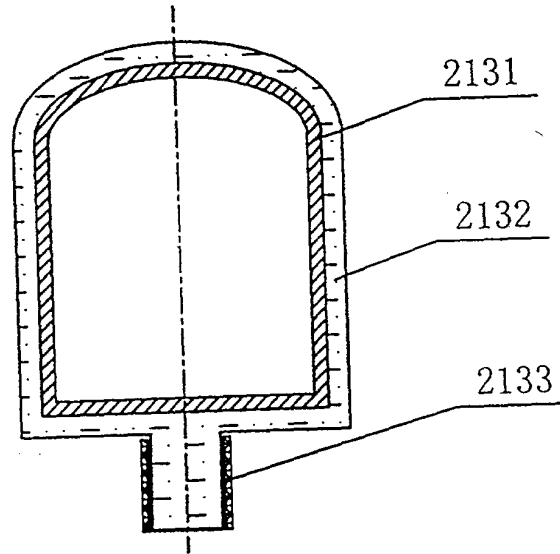


Fig. 21I

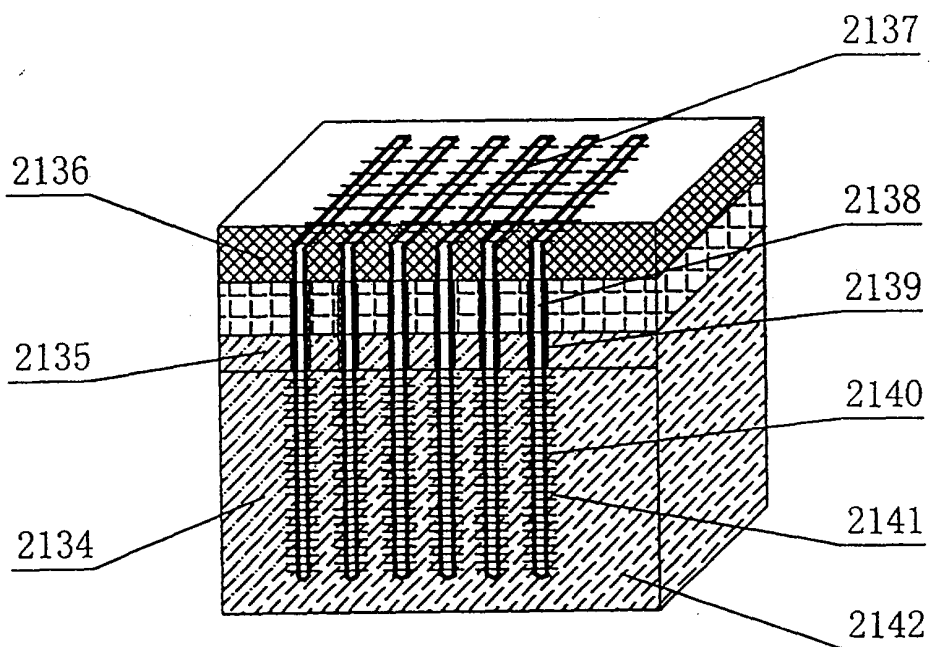


Fig. 21J

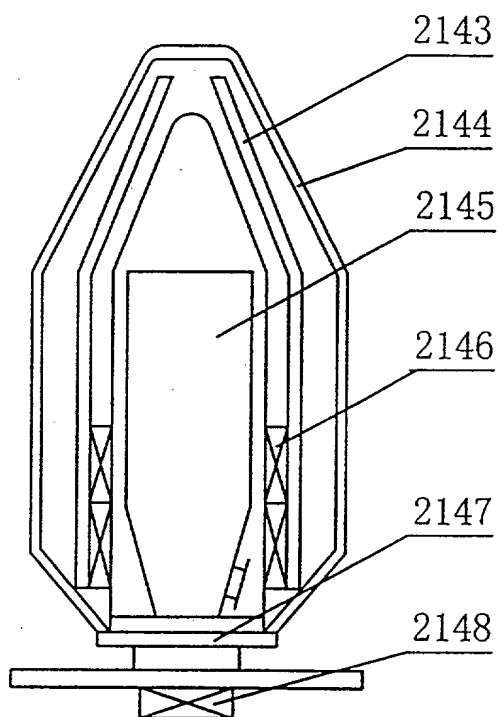


Fig. 21K

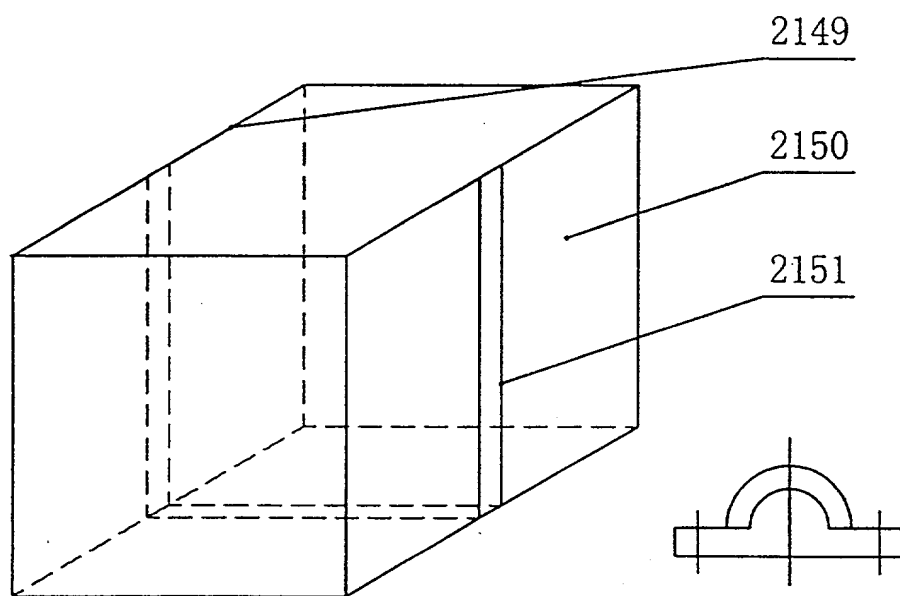


Fig. 21L



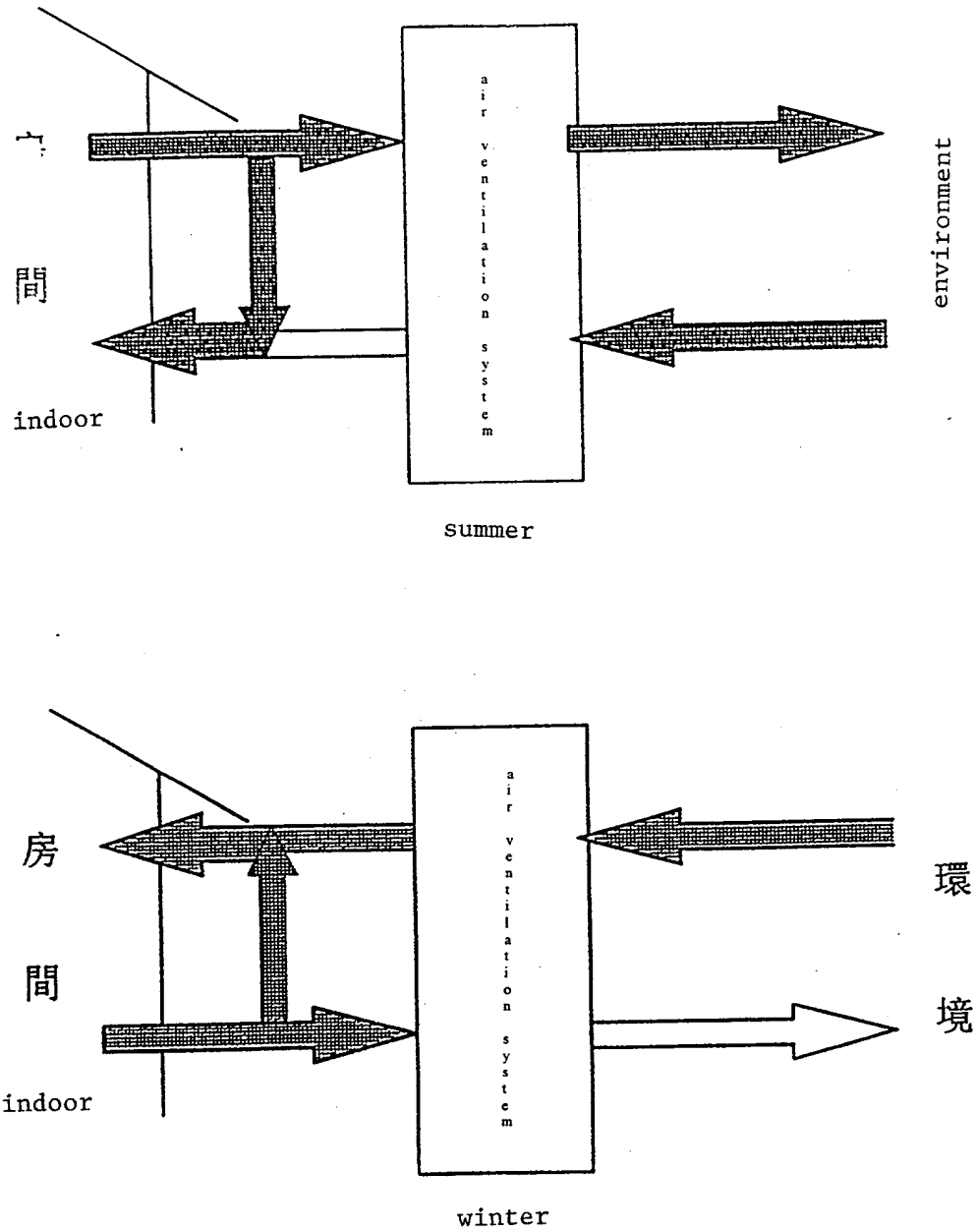


Fig. 21M

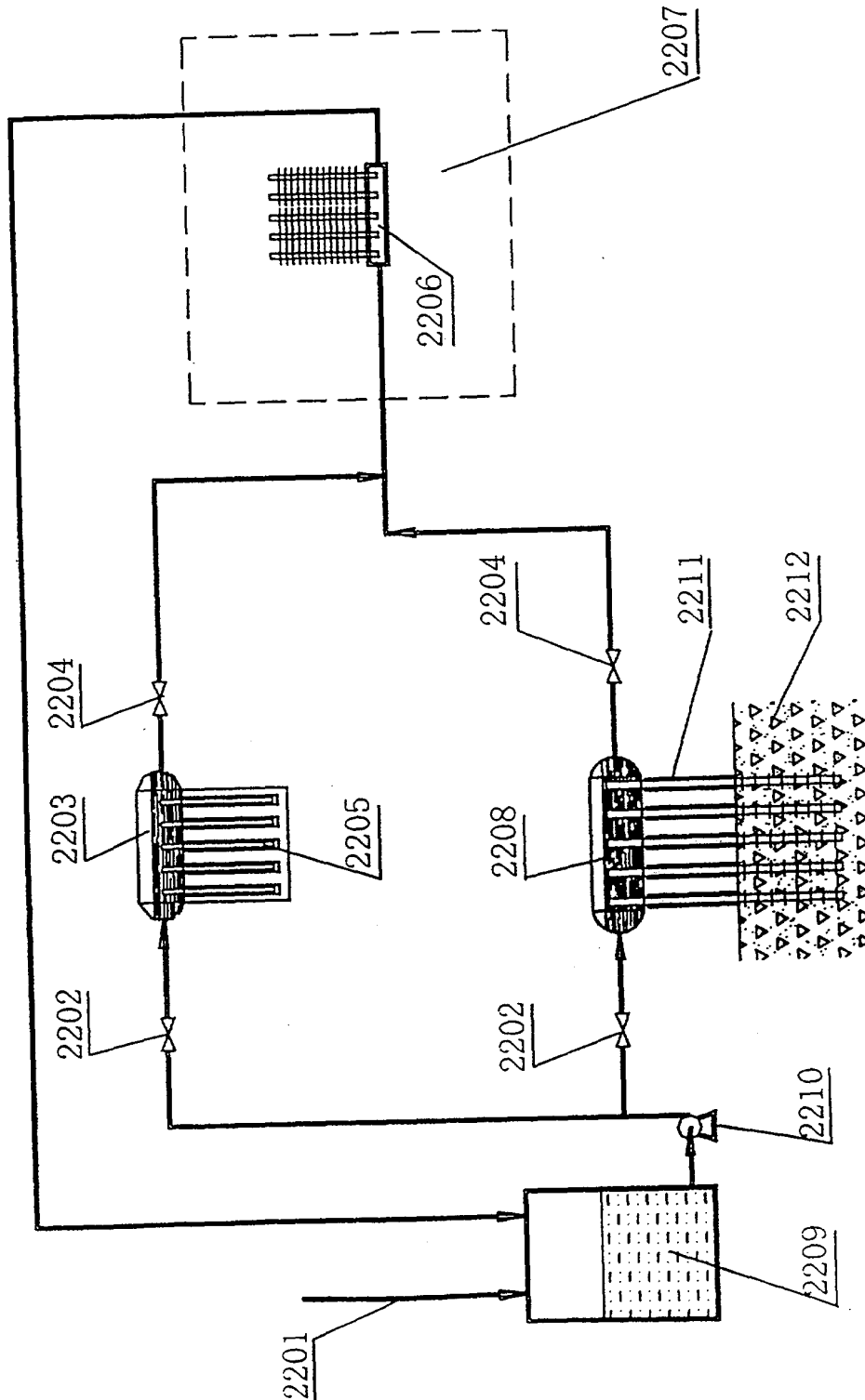


Fig. 22A

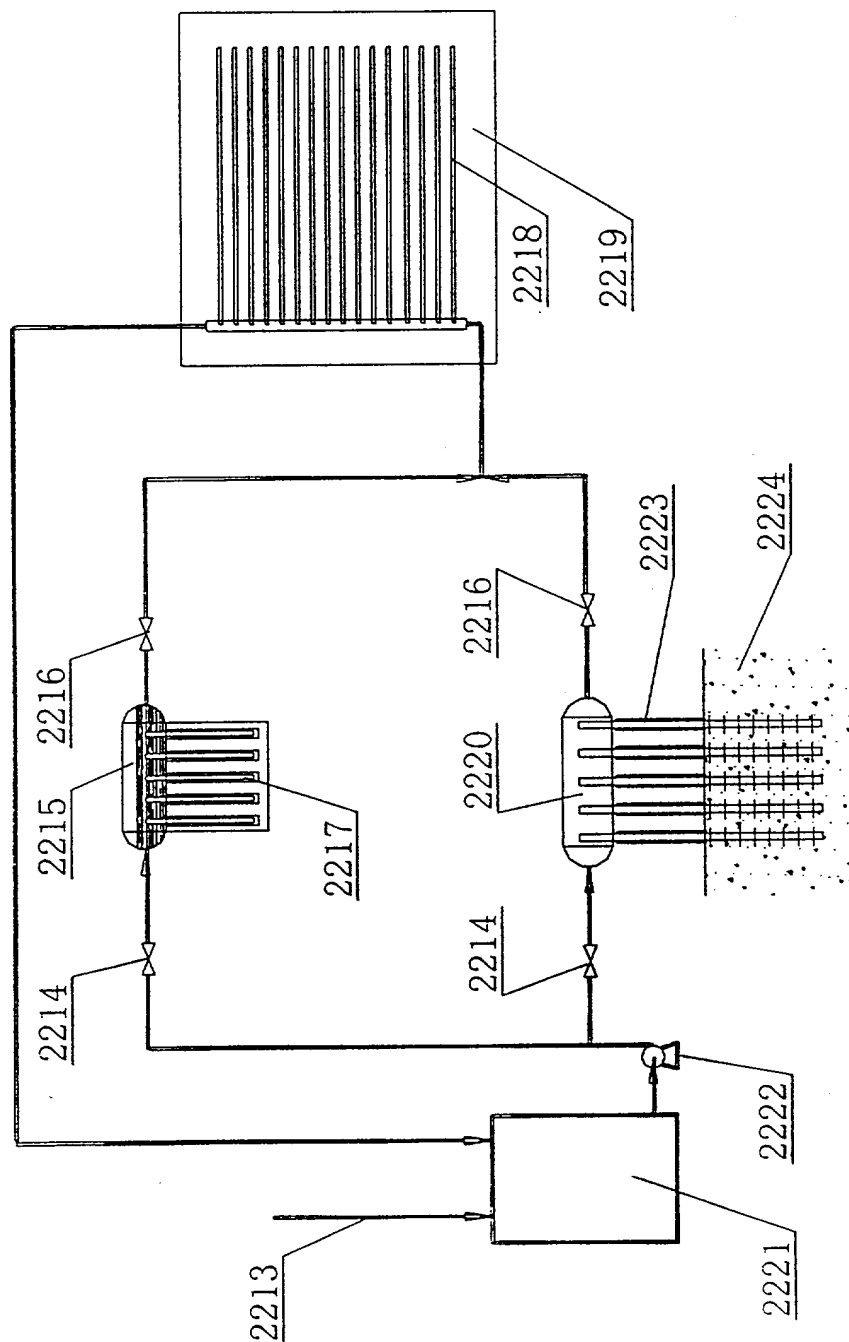


Fig. 22B

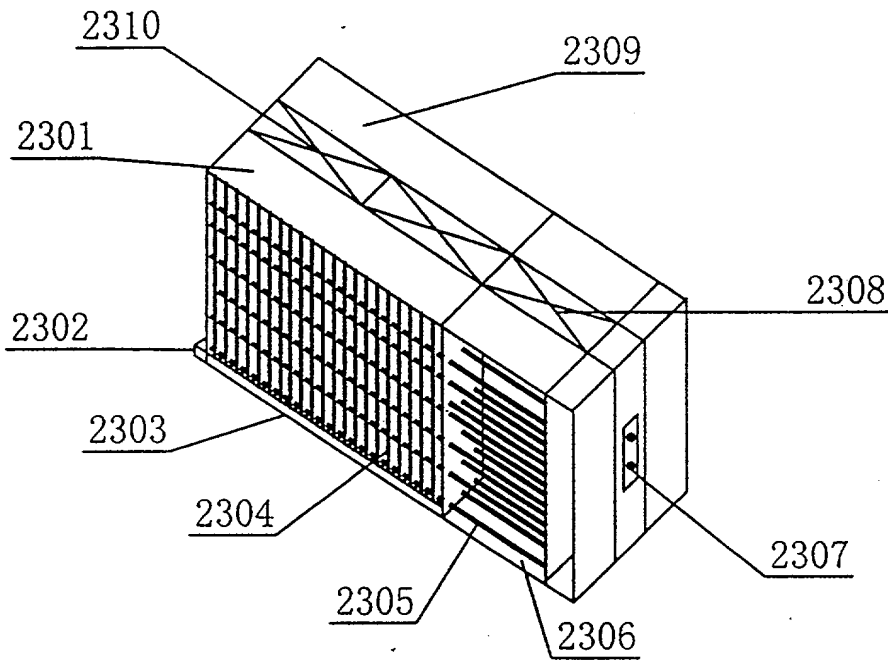


Fig. 23A

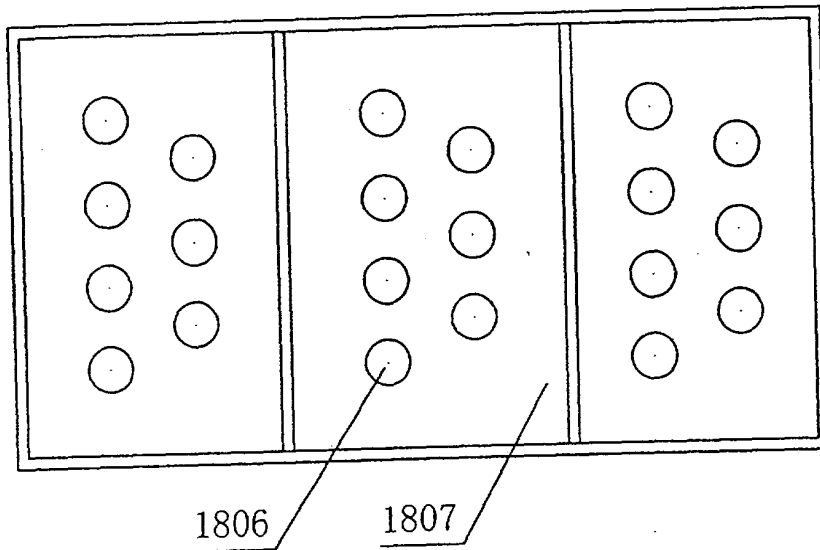


Fig. 18C

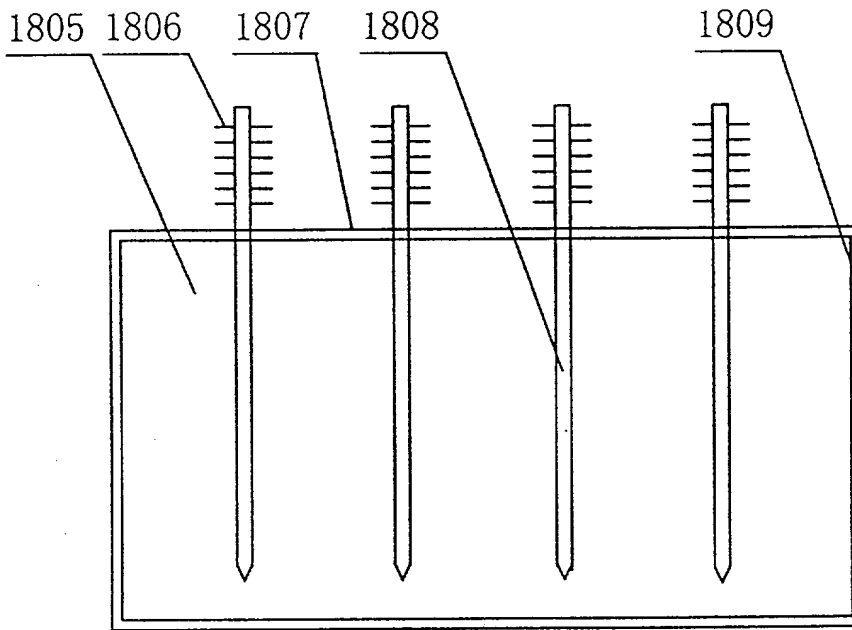


Fig. 18D

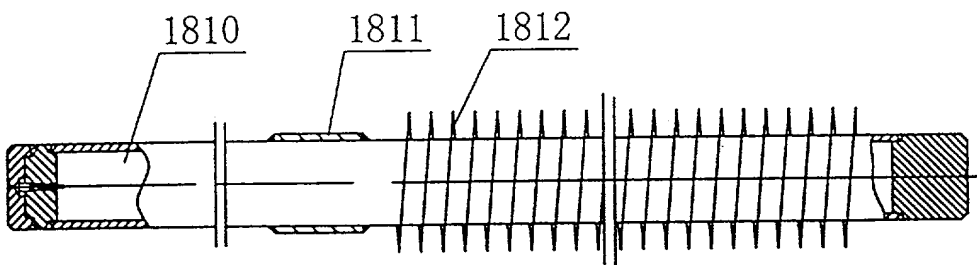


Fig. 18E

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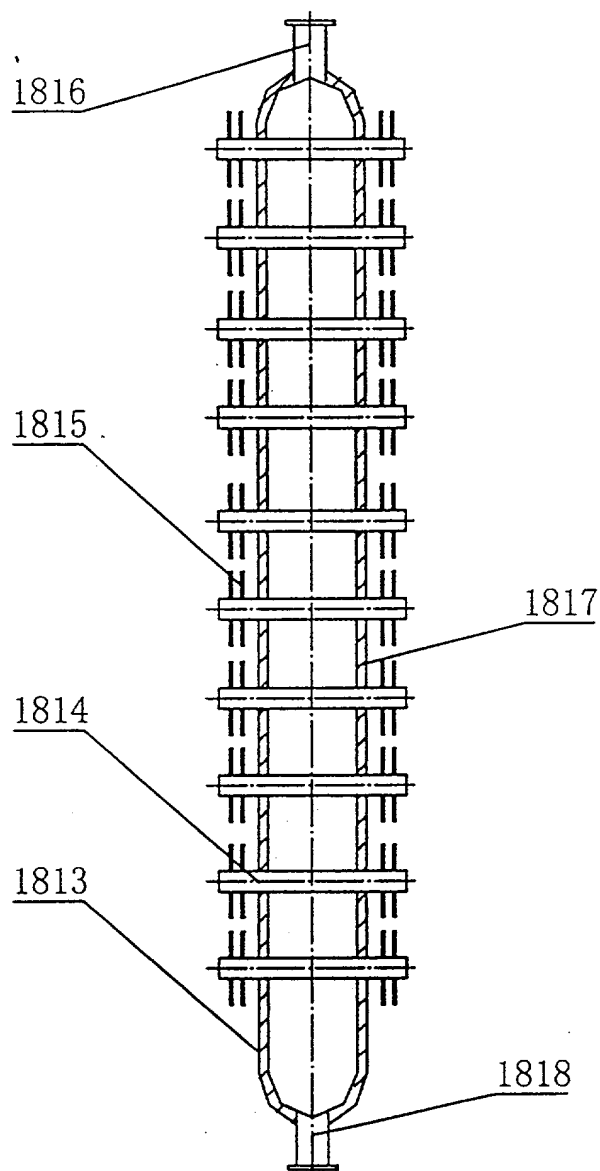


Fig. 18F



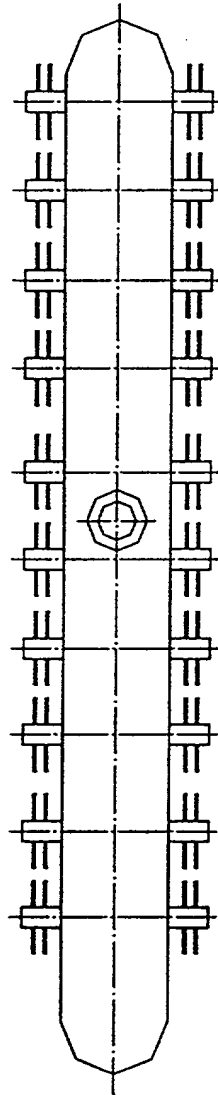


Fig. 18G

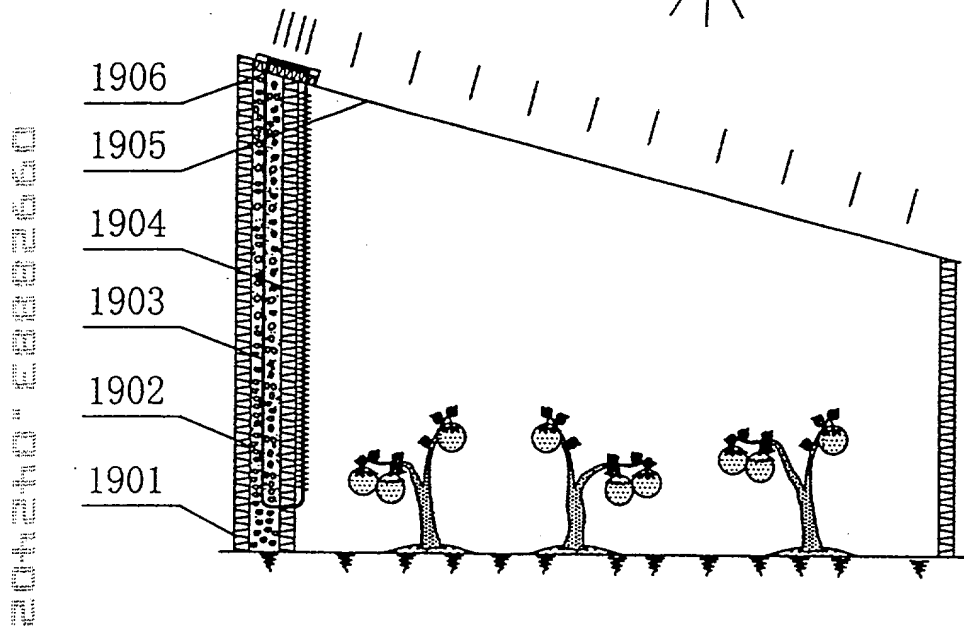


Fig. 19A

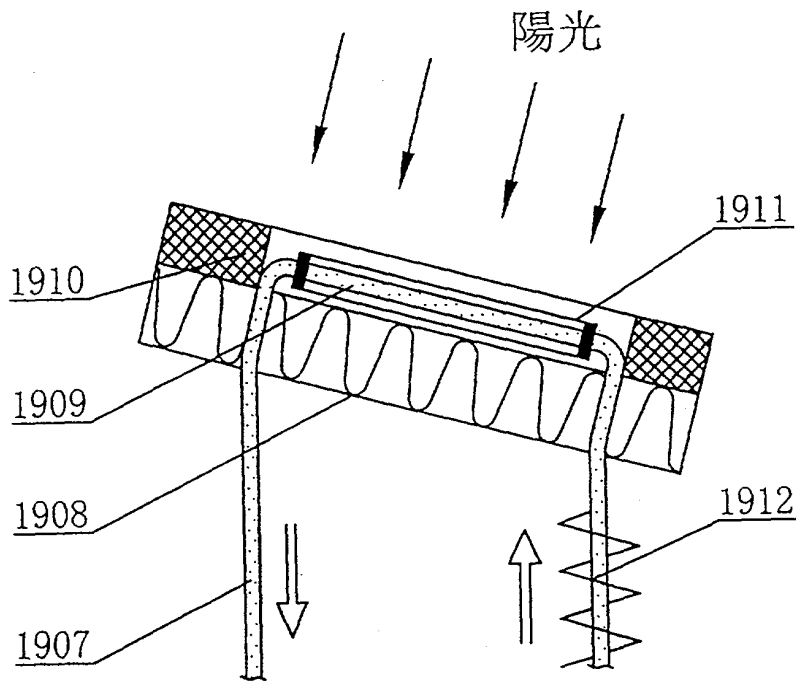


Fig. 19B

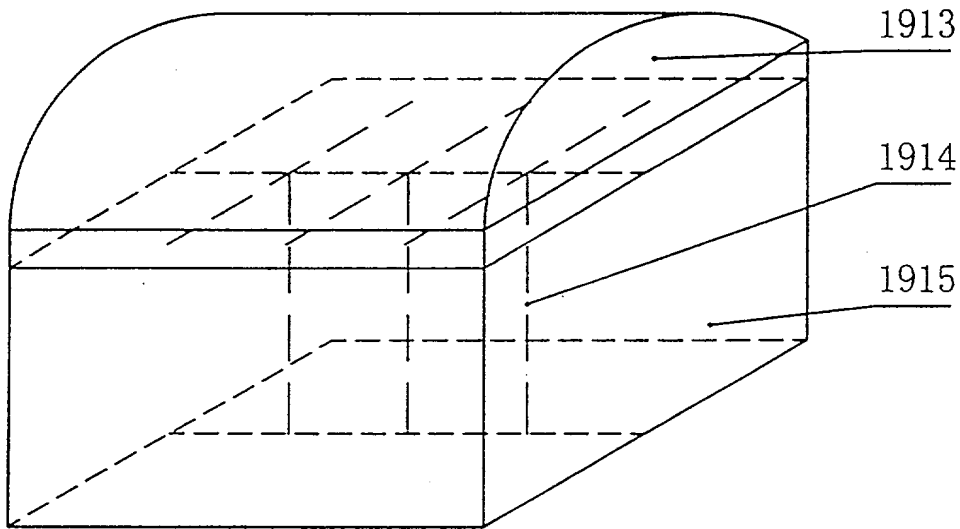


Fig. 19C

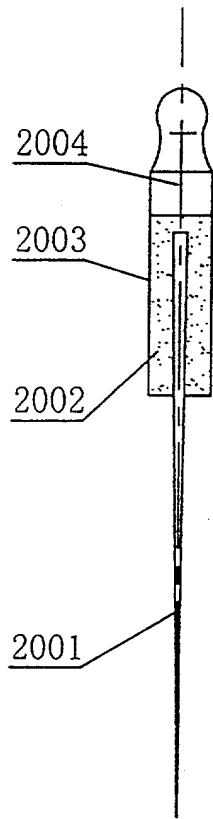


Fig. 20A

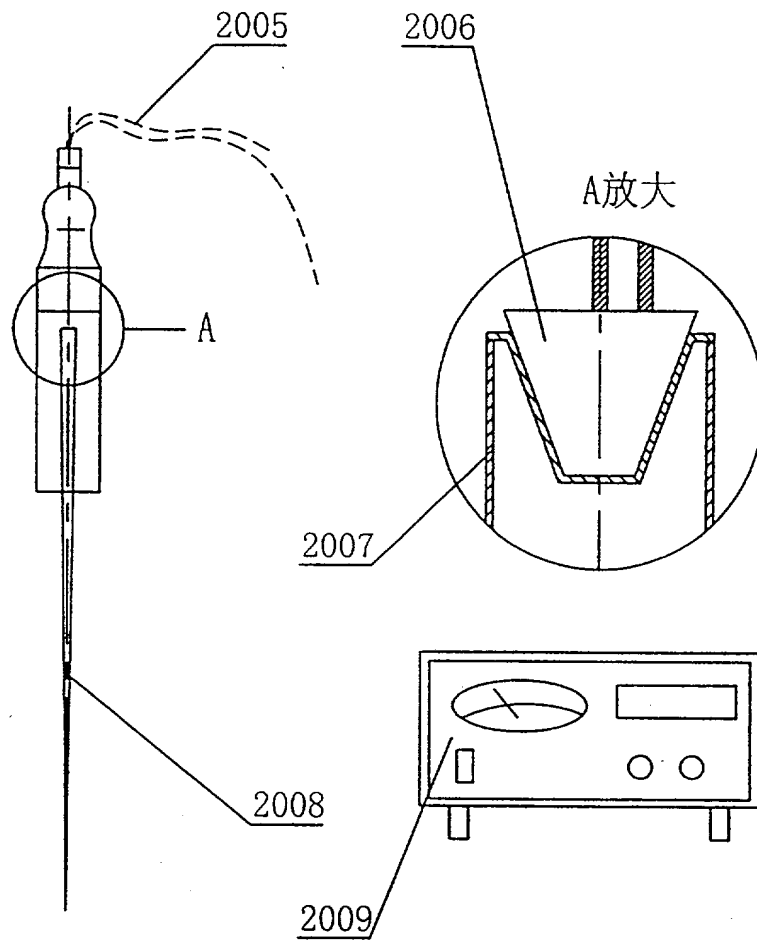


Fig. 20B

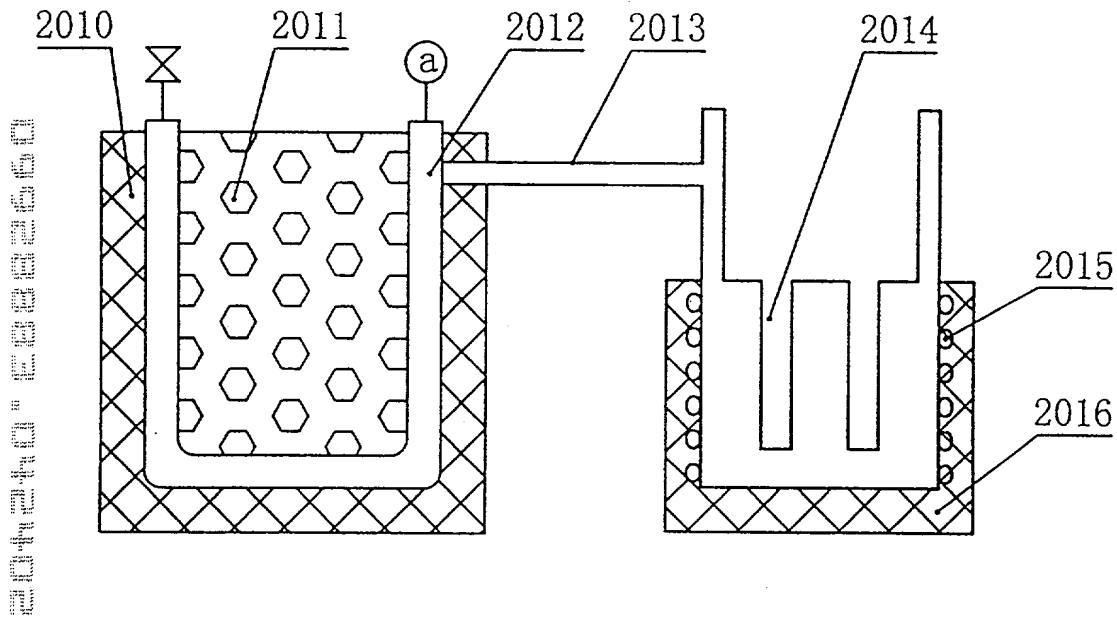


Fig. 20C

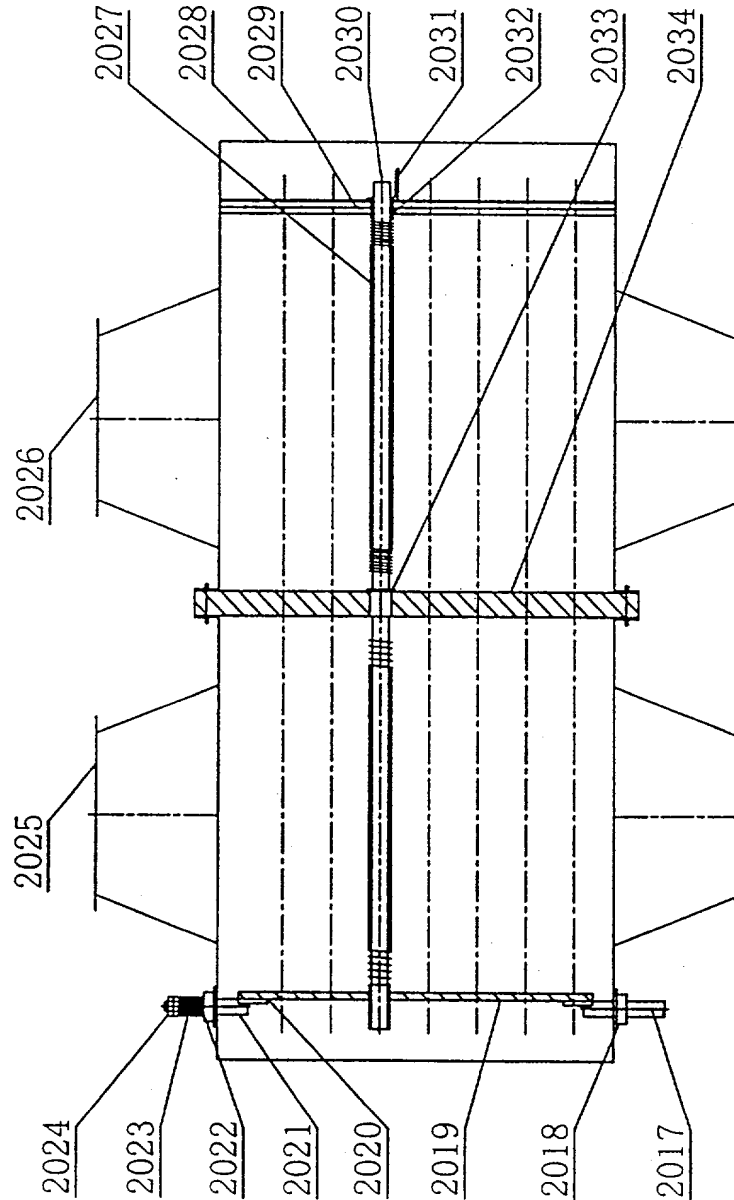


Fig. 20D

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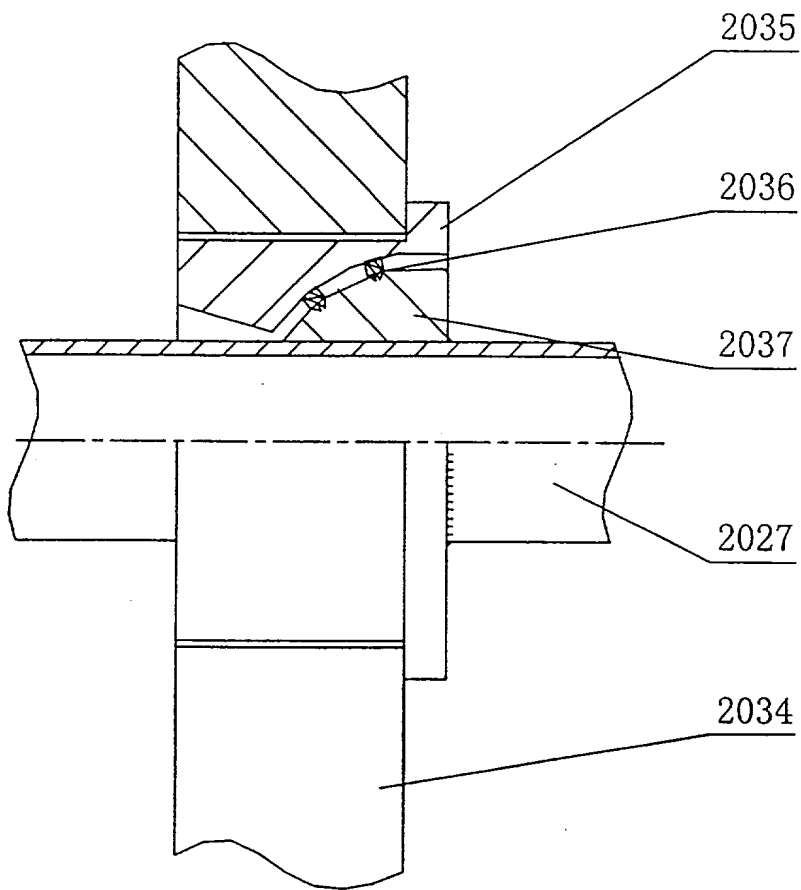


Fig. 20E

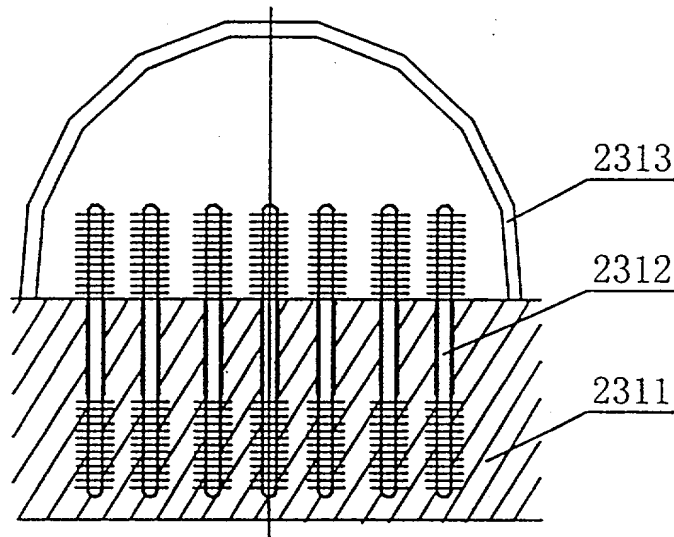


Fig. 23B

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